

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/14/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	55.88	57.12	57.82	56.93	56.90	58.45	116.64	108.96	55.75	51.48	53.83	55.01	67.30	59.89	63.48	73.02	72.33	125.07	97.02	61.14	71.49	62.61	61.61	61.22
24138	2.31	1.90	1.74	1.73	1.68	1.80	3.81	3.56	2.09	2.25	2.69	2.91	3.14	3.08	2.83	2.52	2.72	4.87	3.48	2.01	2.27	2.00	2.20	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	55.96	57.20	57.92	57.01	57.00	58.56	116.86	109.26	55.85	51.54	53.87	55.06	67.38	59.99	63.60	73.17	72.48	125.35	97.23	61.29	71.68	62.76	61.77	61.36
24260	2.40	1.98	1.84	1.82	1.77	1.91	4.03	3.86	2.20	2.32	2.73	2.95	3.22	3.18	2.94	2.67	2.88	5.14	3.68	2.15	2.46	2.16	2.36	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	55.96	57.20	57.92	57.01	57.00	58.56	116.86	109.26	55.85	51.54	53.87	55.06	67.38	59.99	63.60	73.17	72.48	125.35	97.23	61.29	71.68	62.76	61.77	61.36
24261	2.40	1.98	1.84	1.82	1.77	1.91	4.03	3.86	2.20	2.32	2.73	2.95	3.22	3.18	2.94	2.67	2.88	5.14	3.68	2.15	2.46	2.16	2.36	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	55.30	57.24	57.92	56.95	56.99	58.65	116.72	108.67	55.46	50.26	51.94	53.10	65.64	58.46	62.92	73.33	72.28	125.08	98.05	61.89	72.07	62.58	61.48	61.06
24011	1.73	2.02	1.84	1.75	1.77	2.00	3.90	3.27	1.80	1.03	0.80	0.99	1.48	1.65	2.26	2.82	2.67	4.88	4.51	2.75	2.85	1.97	2.07	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	55.45	57.49	58.05	57.10	57.14	58.90	117.41	109.28	55.92	50.50	52.06	53.30	65.91	58.81	63.44	74.04	72.88	126.06	99.09	62.42	72.46	62.85	61.80	61.35
23798	1.88	2.27	1.97	1.90	1.91	2.25	4.58	3.88	2.26	1.28	0.92	1.20	1.75	2.00	2.79	3.53	3.28	5.86	5.55	3.28	3.24	2.25	2.39	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	55.30	57.24	57.92	56.95	56.99	58.65	116.72	108.67	55.46	50.26	51.													

ALBANY___2 23572	53.69 0.12 0.00	55.37 0.14 0.00	56.19 0.11 0.00	55.28 0.09 0.00	55.31 0.08 0.00	56.59 -0.06 0.00	112.28 -0.55 0.00	104.37 -1.02 0.00	52.89 -0.77 0.00	48.44 -0.79 0.00	50.24 -0.89 0.00	51.28 -0.83 0.00	63.06 -1.10 0.00	56.11 -0.70 0.00	60.02 -0.64 0.00	69.67 -0.83 0.00	68.75 -0.86 0.00	118.84 -1.36 0.00	92.78 -0.77 0.00	58.80 -0.33 0.00	68.72 -0.50 0.00	59.86 -0.75 0.00	58.64 -0.77 0.00	58.29 -0.93 0.00
ALBANY___3 23573	53.69 0.12 0.00	55.37 0.14 0.00	56.19 0.11 0.00	55.28 0.09 0.00	55.31 0.08 0.00	56.59 -0.06 0.00	112.28 -0.55 0.00	104.37 -1.02 0.00	52.89 -0.77 0.00	48.44 -0.79 0.00	50.24 -0.89 0.00	51.28 -0.83 0.00	63.06 -1.10 0.00	56.11 -0.70 0.00	60.02 -0.64 0.00	69.67 -0.83 0.00	68.75 -0.86 0.00	118.84 -1.36 0.00	92.78 -0.77 0.00	58.80 -0.33 0.00	68.72 -0.50 0.00	59.86 -0.75 0.00	58.64 -0.77 0.00	58.29 -0.93 0.00
ALBANY___4 23574	53.69 0.12 0.00	55.37 0.14 0.00	56.19 0.11 0.00	55.28 0.09 0.00	55.31 0.08 0.00	56.59 -0.06 0.00	112.28 -0.55 0.00	104.37 -1.02 0.00	52.89 -0.77 0.00	48.44 -0.79 0.00	50.24 -0.89 0.00	51.28 -0.83 0.00	63.06 -1.10 0.00	56.11 -0.70 0.00	60.02 -0.64 0.00	69.67 -0.83 0.00	68.75 -0.86 0.00	118.84 -1.36 0.00	92.78 -0.77 0.00	58.80 -0.33 0.00	68.72 -0.50 0.00	59.86 -0.75 0.00	58.64 -0.77 0.00	58.29 -0.93 0.00
ALBANY___LFGE 323615	54.13 0.56 0.00	55.82 0.60 0.00	56.62 0.54 0.00	55.72 0.53 0.00	55.76 0.53 0.00	57.05 0.40 0.00	113.25 0.42 0.00	105.31 -0.08 0.00	53.42 -0.24 0.00	48.91 -0.31 0.00	50.75 -0.39 0.00	51.79 -0.32 0.00	63.71 -0.45 0.00	56.71 -0.10 0.00	60.67 0.02 0.00	70.46 -0.04 0.00	69.53 -0.09 0.00	120.16 -0.05 0.00	93.80 0.25 0.00	59.44 0.31 0.00	69.47 0.24 0.00	60.46 -0.14 0.00	59.20 -0.21 0.00	58.83 -0.39 0.00
ALCOA_PA_115KV_PL-6C 55860	54.98 1.41 0.00	56.76 1.54 0.00	57.63 1.55 0.00	56.71 1.51 0.00	56.76 1.53 0.00	58.36 1.71 0.00	116.68 3.85 0.00	109.29 3.90 0.00	55.62 1.96 0.00	51.04 1.82 0.00	52.93 1.79 0.00	53.74 1.64 0.00	66.40 2.24 0.00	58.44 1.63 0.00	62.45 1.79 0.00	72.79 2.29 0.00	71.81 2.20 0.00	123.71 3.51 0.00	96.25 2.71 0.00	60.77 1.64 0.00	71.28 2.06 0.00	62.64 2.04 0.00	61.46 2.05 0.00	61.40 2.19 0.00
ALCOA_RYNLDS___DRP 24188	54.98 1.41 0.00	56.76 1.54 0.00	57.63 1.55 0.00	56.71 1.51 0.00	56.76 1.53 0.00	58.36 1.71 0.00	116.68 3.85 0.00	109.29 3.90 0.00	55.62 1.96 0.00	51.04 1.82 0.00	52.93 1.79 0.00	53.74 1.64 0.00	66.40 2.24 0.00	58.44 1.63 0.00	62.45 1.79 0.00	72.79 2.29 0.00	71.81 2.20 0.00	123.71 3.51 0.00	96.25 2.71 0.00	60.77 1.64 0.00	71.28 2.06 0.00	62.64 2.04 0.00	61.46 2.05 0.00	61.40 2.19 0.00
ALCOA___DSASP 323711	54.98 1.41 0.00	56.76 1.54 0.00	57.63 1.55 0.00	56.71 1.51 0.00	56.76 1.53 0.00	58.36 1.71 0.00	116.68 3.85 0.00	109.29 3.90 0.00	55.62 1.96 0.00	51.04 1.82 0.00	52.93 1.79 0.00	53.74 1.64 0.00	66.40 2.24 0.00	58.44 1.63 0.00	62.45 1.79 0.00	72.79 2.29 0.00	71.81 2.20 0.00	123.71 3.51 0.00	96.25 2.71 0.00	60.77 1.64 0.00	71.28 2.06 0.00	62.64 2.04 0.00	61.46 2.05 0.00	61.40 2.19 0.00
ALLEGHENY___COGEN 23514	52.64 -0.89 0.03	54.12 -1.10 0.00	54.75 -1.33 0.00	53.94 -1.19 0.06	54.17 -1.06 0.00	56.02 -0.63 0.00	111.90 -0.93 0.00	104.15 0.39 1.64	53.32 -0.34 0.00	48.56 -0.67 0.00	49.88 -1.25 0.00	51.09 -1.02 0.00	63.30 -0.86 0.00	56.34 -0.47 0.00	60.10 -0.56 0.00	70.77 0.27 0.00	69.15 0.51 0.97	116.07 1.13 5.27	93.09 0.69 1.14	56.92 0.28 2.49	69.64 0.42 0.00	61.37 0.77 0.00	59.99 0.58 0.00	59.77 0.55 0.00
ALTAMONT_115KV_TB 2 55880	54.09 0.53 0.00	55.75 0.53 0.00	56.64 0.55 0.00	55.73 0.54 0.00	55.75 0.52 0.00	57.03 0.38 0.00	113.20 0.37 0.00	105.43 0.03 0.00	53.63 -0.03 0.00	49.13 -0.09 0.00	51.07 -0.06 0.00	52.12 0.01 0.00	64.07 -0.09 0.00	56.97 0.16 0.00	60.82 0.17 0.00	70.55 0.05 0.00	69.66 0.05 0.00	120.34 0.13 0.00	93.86 0.32 0.00	59.45 0.32 0.00	69.55 0.32 0.00	60.69 0.08 0.00	59.49 0.07 0.00	59.16 -0.05 0.00
ALTONA_WT_PWR 323606	54.33 0.77 0.00	55.96 0.74 0.00	56.79 0.71 0.00	55.81 0.61 0.00	55.92 0.69 0.00	57.38 0.73 0.00	115.26 2.44 0.00	108.02 2.62 0.00	54.96 1.30 0.00	50.41 1.19 0.00	52.18 1.04 0.00	53.10 0.99 0.00	65.62 1.46 0.00	57.85 1.04 0.00	61.58 0.92 0.00	71.89 1.39 0.00	70.87 1.26 0.00	122.18 1.97 0.00	95.20 1.65 0.00	60.09 0.96 0.00	70.40 1.17 0.00	61.77 1.17 0.00	60.82 1.41 0.00	61.07 1.86 0.00
AMERICAN_REF_FUEL 24010	49.00 -4.55 0.02	50.51 -4.70 0.00	51.02 -5.06 0.00	50.26 -4.90 0.03	50.26 -4.96 0.00	51.96 -4.69 0.00	102.68 -10.14 0.00	96.14 -8.42 0.83	49.33 -4.33 0.00	45.56 -3.67 0.00	47.35 -3.78 0.00	48.52 -3.59 0.00	59.81 -4.36 0.00	52.55 -4.26 0.00	55.32 -5.33 0.00	65.02 -5.48 0.00	63.52 -5.54 0.55	107.58 -9.65 2.97	84.90 -8.00 0.64	52.30 -5.42 1.41	62.75 -6.47 0.00	55.83 -4.77 0.00	54.74 -4.67 0.00	54.94 -4.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	49.51 -4.04 0.02	51.28 -3.94 0.00	51.70 -4.38 0.00	51.22 -3.94 0.03	51.20 -4.03 0.00	53.22 -3.43 0.00	106.66 -6.17 0.00	100.09 -4.30 1.00	51.05 -2.61 0.00	47.27 -1.96 0.00	49.21 -1.92 0.00	50.34 -1.77 0.00	62.05 -2.11 0.00	54.53 -2.28 0.00	57.36 -3.29 0.00	67.33 -3.17 0.00	65.50 -3.42 0.69	110.56 -5.87 3.78	88.11 -4.62 0.82	54.06 -3.29 1.79	65.76 -3.46 0.00	58.19 -2.42 0.00	57.10 -2.31 0.00	57.04 -2.18 0.00
ARTHUR KILL_GT_1 23520	55.77 2.20 0.00	56.90 1.68 0.00	57.62 1.54 0.00	56.79 1.60 0.00	56.80 1.57 0.00	58.38 1.73 0.00	116.33 3.50 0.00	108.90 3.50 0.00	55.66 2.01 0.00	51.36 2.13 0.00	53.57 2.44 0.00	54.61 2.50 0.00	66.43 2.27 0.00	59.35 2.54 0.00	62.91 2.25 0.00	72.39 1.88 0.00	71.75 2.14 0.00	124.47 4.27 0.00	96.48 2.93 0.00	60.86 1.73 0.00	71.15 1.93 0.00	62.39 1.79 0.00	61.27 1.86 0.00	61.08 1.87 0.00
ARTHUR_KILL_2 23512	55.64 2.07 0.00	56.77 1.55 0.00	57.49 1.41 0.00	56.68 1.49 0.00	56.64 1.41 0.00	58.22 1.57 0.00	115.97 3.14 0.00	108.59 3.19 0.00	55.53 1.88 0.00	51.24 2.01 0.00	53.46 2.32 0.00	54.50 2.39 0.00	66.28 2.12 0.00	59.20 2.39 0.00	62.75 2.09 0.00	72.19 1.69 0.00	71.55 1.94 0.00	124.06 3.85 0.00	96.19 2.64 0.00	60.69 1.56 0.00	70.94 1.72 0.00	62.21 1.61 0.00	61.10 1.69 0.00	60.92 1.70 0.00
ARTHUR_KILL_3 23513	55.45 1.88 0.00	56.63 1.42 0.00	57.36 1.28 0.00	56.46 1.27 0.00	56.44 1.21 0.00	57.98 1.33 0.00	115.70 2.87 0.00	108.10 2.71 0.00	55.24 1.59 0.00	50.95 1.72 0.00	53.26 2.13 0.00	54.42 2.32 0.00	66.59 2.43 0.00	59.30 2.48 0.00	62.87 2.22 0.00	72.31 1.80 0.00	71.64 2.04 0.00	123.95 3.75 0.00	96.16 2.62 0.00	60.63 1.50 0.00	70.92 1.70 0.00	62.12 1.52 0.00	61.12 1.70 0.00	60.75 1.53 0.00

ARTHUR_KILL_COGEN 323718	55.77 2.21 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.83 1.64 0.00	56.80 1.57 0.00	58.39 1.74 0.00	116.31 3.48 0.00	108.90 3.51 0.00	55.68 2.02 0.00	51.36 2.14 0.00	53.57 2.44 0.00	54.62 2.51 0.00	66.42 2.25 0.00	59.34 2.53 0.00	62.92 2.26 0.00	72.39 1.88 0.00	71.76 2.15 0.00	124.45 4.25 0.00	96.47 2.92 0.00	60.87 1.74 0.00	71.15 1.92 0.00	62.40 1.80 0.00	61.27 1.86 0.00	61.08 1.87 0.00
ASHOKAN____ 23654	55.17 1.60 0.00	56.73 1.51 0.00	57.61 1.53 0.00	56.71 1.51 0.00	56.78 1.55 0.00	58.23 1.58 0.00	116.13 3.30 0.00	108.56 3.17 0.00	55.02 1.36 0.00	50.24 1.01 0.00	52.52 1.39 0.00	53.59 1.49 0.00	66.08 1.92 0.00	58.63 1.82 0.00	62.56 1.90 0.00	72.71 2.20 0.00	71.98 2.37 0.00	124.60 4.40 0.00	97.01 3.47 0.00	61.28 2.15 0.00	71.59 2.37 0.00	62.40 1.80 0.00	61.12 1.71 0.00	60.66 1.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	55.56 2.00 0.00	56.84 1.63 0.00	57.60 1.52 0.00	56.67 1.48 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.08 3.26 0.00	108.50 3.10 0.00	55.51 1.85 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.33 4.13 0.00	96.40 2.86 0.00	60.80 1.67 0.00	71.17 1.95 0.00	62.47 1.87 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_EAST_ENERGY_CC2 323582	55.54 1.97 0.00	56.81 1.59 0.00	57.57 1.49 0.00	56.64 1.44 0.00	56.59 1.36 0.00	58.15 1.50 0.00	116.01 3.19 0.00	108.46 3.07 0.00	55.47 1.81 0.00	51.15 1.92 0.00	53.42 2.29 0.00	54.58 2.47 0.00	66.73 2.57 0.00	59.42 2.61 0.00	63.04 2.38 0.00	72.51 2.00 0.00	71.84 2.24 0.00	124.27 4.07 0.00	96.34 2.79 0.00	60.78 1.64 0.00	71.13 1.91 0.00	62.44 1.84 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT2_1 24094	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT2_2 24095	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT2_3 24096	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT2_4 24097	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT3_1 24098	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT3_2 24099	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT3_3 24100	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT3_4 24101	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT4_1 24102	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT4_2 24103	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT4_3 24104	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00

ASTORIA_GT4_4 24105	55.57 2.00 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.66 1.46 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.09 3.26 0.00	108.53 3.13 0.00	55.49 1.83 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.35 4.15 0.00	96.40 2.85 0.00	60.80 1.66 0.00	71.17 1.95 0.00	62.46 1.86 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA_GT_1 23523	55.67 2.11 0.00	56.93 1.71 0.00	57.68 1.60 0.00	56.74 1.55 0.00	56.71 1.48 0.00	58.27 1.62 0.00	116.31 3.48 0.00	108.74 3.34 0.00	55.60 1.94 0.00	51.28 2.06 0.00	53.56 2.43 0.00	54.72 2.62 0.00	66.91 2.75 0.00	59.59 2.77 0.00	63.20 2.54 0.00	72.71 2.21 0.00	72.05 2.44 0.00	124.61 4.41 0.00	96.59 3.04 0.00	60.92 1.78 0.00	71.31 2.09 0.00	62.58 1.98 0.00	61.54 2.13 0.00	61.19 1.98 0.00
ASTORIA_GT_10 24110	55.62 2.06 0.00	56.85 1.63 0.00	57.57 1.49 0.00	56.67 1.48 0.00	56.63 1.40 0.00	58.16 1.51 0.00	115.96 3.14 0.00	108.46 3.07 0.00	55.49 1.83 0.00	51.25 2.03 0.00	53.59 2.46 0.00	54.74 2.63 0.00	66.85 2.69 0.00	59.53 2.72 0.00	63.10 2.44 0.00	72.55 2.04 0.00	71.87 2.27 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.79 1.66 0.00	71.12 1.90 0.00	62.36 1.76 0.00	61.31 1.90 0.00	60.96 1.74 0.00
ASTORIA_GT_11 24225	55.62 2.06 0.00	56.85 1.63 0.00	57.57 1.49 0.00	56.67 1.48 0.00	56.63 1.40 0.00	58.16 1.51 0.00	115.96 3.14 0.00	108.46 3.07 0.00	55.49 1.83 0.00	51.25 2.03 0.00	53.59 2.46 0.00	54.74 2.63 0.00	66.85 2.69 0.00	59.53 2.72 0.00	63.10 2.44 0.00	72.55 2.04 0.00	71.87 2.27 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.79 1.66 0.00	71.12 1.90 0.00	62.36 1.76 0.00	61.31 1.90 0.00	60.96 1.74 0.00
ASTORIA_GT_12 24226	55.62 2.06 0.00	56.85 1.63 0.00	57.57 1.49 0.00	56.67 1.48 0.00	56.63 1.40 0.00	58.16 1.51 0.00	115.96 3.14 0.00	108.46 3.07 0.00	55.49 1.83 0.00	51.25 2.03 0.00	53.59 2.46 0.00	54.74 2.63 0.00	66.85 2.69 0.00	59.53 2.72 0.00	63.10 2.44 0.00	72.55 2.04 0.00	71.87 2.27 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.79 1.66 0.00	71.12 1.90 0.00	62.36 1.76 0.00	61.31 1.90 0.00	60.96 1.74 0.00
ASTORIA_GT_13 24227	55.62 2.06 0.00	56.85 1.63 0.00	57.57 1.49 0.00	56.67 1.48 0.00	56.63 1.40 0.00	58.16 1.51 0.00	115.96 3.14 0.00	108.46 3.07 0.00	55.49 1.83 0.00	51.25 2.03 0.00	53.59 2.46 0.00	54.74 2.63 0.00	66.85 2.69 0.00	59.53 2.72 0.00	63.10 2.44 0.00	72.55 2.04 0.00	71.87 2.27 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.79 1.66 0.00	71.12 1.90 0.00	62.36 1.76 0.00	61.31 1.90 0.00	60.96 1.74 0.00
ASTORIA_GT_5 24106	55.67 2.11 0.00	56.93 1.71 0.00	57.68 1.60 0.00	56.74 1.55 0.00	56.71 1.48 0.00	58.27 1.62 0.00	116.31 3.48 0.00	108.74 3.34 0.00	55.60 1.94 0.00	51.28 2.06 0.00	53.56 2.43 0.00	54.72 2.62 0.00	66.91 2.75 0.00	59.59 2.77 0.00	63.20 2.54 0.00	72.71 2.21 0.00	72.05 2.44 0.00	124.61 4.41 0.00	96.59 3.04 0.00	60.92 1.78 0.00	71.31 2.09 0.00	62.58 1.98 0.00	61.54 2.13 0.00	61.19 1.98 0.00
ASTORIA_GT_7 24107	55.67 2.11 0.00	56.93 1.71 0.00	57.68 1.60 0.00	56.74 1.55 0.00	56.71 1.48 0.00	58.27 1.62 0.00	116.31 3.48 0.00	108.74 3.34 0.00	55.60 1.94 0.00	51.28 2.06 0.00	53.56 2.43 0.00	54.72 2.62 0.00	66.91 2.75 0.00	59.59 2.77 0.00	63.20 2.54 0.00	72.71 2.21 0.00	72.05 2.44 0.00	124.61 4.41 0.00	96.59 3.04 0.00	60.92 1.78 0.00	71.31 2.09 0.00	62.58 1.98 0.00	61.54 2.13 0.00	61.19 1.98 0.00
ASTORIA_GT_8 24108	55.67 2.11 0.00	56.93 1.71 0.00	57.68 1.60 0.00	56.74 1.55 0.00	56.71 1.48 0.00	58.27 1.62 0.00	116.31 3.48 0.00	108.74 3.34 0.00	55.60 1.94 0.00	51.28 2.06 0.00	53.56 2.43 0.00	54.72 2.62 0.00	66.91 2.75 0.00	59.59 2.77 0.00	63.20 2.54 0.00	72.71 2.21 0.00	72.05 2.44 0.00	124.61 4.41 0.00	96.59 3.04 0.00	60.92 1.78 0.00	71.31 2.09 0.00	62.58 1.98 0.00	61.54 2.13 0.00	61.19 1.98 0.00
ASTORIA___2 24149	55.56 2.00 0.00	56.84 1.63 0.00	57.60 1.52 0.00	56.67 1.48 0.00	56.62 1.39 0.00	58.17 1.52 0.00	116.08 3.26 0.00	108.50 3.10 0.00	55.51 1.85 0.00	51.17 1.95 0.00	53.46 2.33 0.00	54.61 2.51 0.00	66.76 2.60 0.00	59.46 2.65 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.88 2.28 0.00	124.33 4.13 0.00	96.40 2.86 0.00	60.80 1.67 0.00	71.17 1.95 0.00	62.47 1.87 0.00	61.44 2.03 0.00	61.08 1.87 0.00
ASTORIA___3 23516	55.63 2.06 0.00	56.86 1.64 0.00	57.58 1.50 0.00	56.68 1.49 0.00	56.63 1.40 0.00	58.16 1.51 0.00	115.95 3.13 0.00	108.45 3.06 0.00	55.51 1.85 0.00	51.25 2.02 0.00	53.59 2.45 0.00	54.74 2.63 0.00	66.85 2.69 0.00	59.53 2.72 0.00	63.10 2.44 0.00	72.55 2.04 0.00	71.87 2.26 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.80 1.66 0.00	71.13 1.90 0.00	62.37 1.76 0.00	61.32 1.91 0.00	60.96 1.74 0.00
ASTORIA___4 23517	55.62 2.06 0.00	56.85 1.63 0.00	57.57 1.49 0.00	56.67 1.48 0.00	56.63 1.40 0.00	58.16 1.51 0.00	115.96 3.14 0.00	108.46 3.07 0.00	55.49 1.83 0.00	51.25 2.03 0.00	53.59 2.46 0.00	54.74 2.63 0.00	66.85 2.69 0.00	59.53 2.72 0.00	63.10 2.44 0.00	72.55 2.04 0.00	71.87 2.27 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.79 1.66 0.00	71.12 1.90 0.00	62.36 1.76 0.00	61.31 1.90 0.00	60.96 1.74 0.00
ASTORIA___5 23518	55.63 2.06 0.00	56.86 1.64 0.00	57.58 1.50 0.00	56.68 1.49 0.00	56.63 1.40 0.00	58.16 1.51 0.00	115.95 3.13 0.00	108.45 3.06 0.00	55.51 1.85 0.00	51.25 2.02 0.00	53.59 2.45 0.00	54.73 2.63 0.00	66.85 2.69 0.00	59.53 2.72 0.00	63.10 2.44 0.00	72.55 2.04 0.00	71.87 2.26 0.00	124.29 4.09 0.00	96.40 2.86 0.00	60.79 1.66 0.00	71.13 1.90 0.00	62.37 1.76 0.00	61.32 1.91 0.00	60.96 1.74 0.00
AST_ENERGY_2_CC3 323677	54.98 1.41 0.00	56.24 1.02 0.00	56.98 0.90 0.00	56.06 0.87 0.00	56.02 0.79 0.00	57.55 0.89 0.00	114.83 2.01 0.00	107.34 1.94 0.00	54.91 1.25 0.00	50.62 1.39 0.00	52.89 1.75 0.00	54.02 1.91 0.00	66.03 1.87 0.00	58.81 2.00 0.00	62.40 1.74 0.00	71.77 1.26 0.00	71.13 1.52 0.00	123.01 2.81 0.00	95.37 1.83 0.00	60.16 1.02 0.00	70.40 1.18 0.00	61.80 1.20 0.00	60.78 1.37 0.00	60.42 1.20 0.00
AST_ENERGY_2_CC4 323678	54.98 1.41 0.00	56.24 1.02 0.00	56.98 0.90 0.00	56.06 0.87 0.00	56.02 0.79 0.00	57.55 0.89 0.00	114.83 2.01 0.00	107.34 1.94 0.00	54.91 1.25 0.00	50.62 1.39 0.00	52.89 1.75 0.00	54.02 1.91 0.00	66.03 1.87 0.00	58.81 2.00 0.00	62.40 1.74 0.00	71.77 1.26 0.00	71.13 1.52 0.00	123.01 2.81 0.00	95.37 1.83 0.00	60.16 1.02 0.00	70.40 1.18 0.00	61.80 1.20 0.00	60.78 1.37 0.00	60.42 1.20 0.00

ATHENS_STG_1 23668	54.45 0.89 0.00	56.03 0.82 0.00	56.96 0.88 0.00	56.05 0.86 0.00	56.06 0.83 0.00	57.34 0.70 0.00	113.94 1.12 0.00	106.22 0.83 0.00	54.18 0.52 0.00	49.75 0.52 0.00	51.80 0.66 0.00	52.91 0.80 0.00	64.94 0.78 0.00	57.75 0.94 0.00	61.54 0.88 0.00	71.14 0.64 0.00	70.27 0.66 0.00	121.39 1.19 0.00	94.52 0.98 0.00	59.81 0.68 0.00	70.00 0.78 0.00	61.17 0.57 0.00	60.05 0.64 0.00	59.73 0.51 0.00
ATHENS_STG_2 23670	54.45 0.89 0.00	56.03 0.82 0.00	56.96 0.88 0.00	56.05 0.86 0.00	56.06 0.83 0.00	57.34 0.70 0.00	113.94 1.12 0.00	106.22 0.83 0.00	54.18 0.52 0.00	49.75 0.52 0.00	51.80 0.66 0.00	52.91 0.80 0.00	64.94 0.78 0.00	57.75 0.94 0.00	61.54 0.88 0.00	71.14 0.64 0.00	70.27 0.66 0.00	121.39 1.19 0.00	94.52 0.98 0.00	59.81 0.68 0.00	70.00 0.78 0.00	61.17 0.57 0.00	60.05 0.64 0.00	59.73 0.51 0.00
ATHENS_STG_3 23677	54.45 0.89 0.00	56.03 0.82 0.00	56.96 0.88 0.00	56.05 0.86 0.00	56.06 0.83 0.00	57.34 0.70 0.00	113.94 1.12 0.00	106.22 0.83 0.00	54.18 0.52 0.00	49.75 0.52 0.00	51.80 0.66 0.00	52.91 0.80 0.00	64.94 0.78 0.00	57.75 0.94 0.00	61.54 0.88 0.00	71.14 0.64 0.00	70.27 0.66 0.00	121.39 1.19 0.00	94.52 0.98 0.00	59.81 0.68 0.00	70.00 0.78 0.00	61.17 0.57 0.00	60.05 0.64 0.00	59.73 0.51 0.00
AUBURN___LFGE 323710	53.21 -0.36 -0.01	54.84 -0.37 0.00	55.63 -0.45 0.00	54.85 -0.37 -0.02	54.91 -0.32 0.00	56.46 -0.19 0.00	112.58 -0.25 0.00	106.05 0.03 -0.63	53.47 -0.19 0.00	48.69 -0.53 0.00	50.60 -0.54 0.00	51.91 -0.20 0.00	63.70 -0.46 0.00	56.45 -0.36 0.00	60.32 -0.34 0.00	70.26 -0.24 0.00	69.69 -0.22 -0.29	121.17 -0.63 -1.60	93.36 -0.53 -0.34	59.47 -0.42 -0.76	68.69 -0.54 0.00	60.33 -0.28 0.00	59.09 -0.32 0.00	58.88 -0.34 0.00
BABYLON_RES_REC 323704	55.82 2.26 0.00	57.12 1.90 0.00	57.84 1.76 0.00	56.88 1.69 0.00	56.58 1.36 0.00	58.48 1.41 -0.43	95.87 2.36 19.32	86.18 2.27 21.49	35.67 1.32 19.31	37.63 1.46 13.05	52.38 2.14 0.91	54.44 2.34 0.00	66.83 2.31 -0.35	59.95 2.88 -0.26	64.83 2.43 -1.75	74.20 2.00 -1.70	76.46 2.53 -4.32	128.63 4.90 -3.53	99.65 3.48 -2.62	62.82 2.13 -1.56	73.58 2.37 -1.99	67.88 2.07 -5.21	71.27 2.58 -9.28	64.30 2.16 -2.92
BALL_HILL_WT_PWR 323825	49.73 -3.81 0.02	51.35 -3.87 0.00	51.85 -4.23 0.00	51.25 -3.91 0.03	51.25 -3.98 0.00	53.05 -3.60 0.00	105.53 -7.29 0.00	98.79 -5.65 0.95	50.65 -3.01 0.00	46.86 -2.36 0.00	48.68 -2.46 0.00	49.92 -2.19 0.00	61.54 -2.62 0.00	54.14 -2.67 0.00	57.00 -3.66 0.00	66.76 -3.74 0.00	64.91 -4.06 0.64	109.72 -7.04 3.45	87.11 -5.69 0.75	53.60 -3.90 1.63	64.80 -4.42 0.00	57.37 -3.23 0.00	56.30 -3.11 0.00	56.30 -2.91 0.00
BARON_WINDS___WT_PWR 323822	49.09 -4.44 0.04	50.43 -4.79 0.00	51.07 -5.01 0.00	50.46 -4.66 0.07	50.60 -4.63 0.00	52.01 -4.63 0.00	103.12 -9.70 0.01	95.36 -8.02 2.01	49.75 -3.90 0.00	46.12 -3.11 0.00	47.58 -3.56 0.00	48.64 -3.47 0.00	60.14 -4.02 0.00	53.18 -3.63 0.00	56.32 -4.33 0.00	66.03 -4.47 0.00	63.61 -4.78 1.21	104.98 -8.63 6.60	85.48 -6.64 1.43	51.83 -4.18 3.12	64.80 -4.43 0.00	57.23 -3.37 0.00	56.31 -3.10 0.00	56.28 -2.93 0.00
BARRETT_IC_1 23704	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_10 23701	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_11 23702	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_12 23703	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_2 23705	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_3 23706	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_4 23707	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_5 23708	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26

BARRETT_IC_6 23709	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_7 23710	55.51 1.94 0.00	56.83 1.61 0.00	57.54 1.46 0.00	56.58 1.39 0.00	56.31 1.09 0.00	57.73 1.08 0.00	115.89 1.30 -1.77	108.50 1.19 -1.92	56.06 0.79 -1.62	51.39 1.06 -1.10	53.11 1.91 -0.07	54.27 2.17 0.00	66.23 2.07 0.00	59.25 2.44 0.00	62.69 2.03 0.00	71.90 1.40 0.00	73.38 1.66 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.42 0.00	70.98 1.76 0.00	96.70 1.60 -34.49	192.30 2.11 -130.78	138.26 1.78 -77.26
BARRETT_IC_8 23711	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT_IC_9 23700	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT___1 23545	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BARRETT___2 23546	55.50 1.94 0.00	56.83 1.62 0.00	57.55 1.47 0.00	56.59 1.40 0.00	56.31 1.08 0.00	57.73 1.08 0.00	115.81 1.21 -1.77	108.34 1.03 -1.92	55.98 0.71 -1.62	51.31 0.98 -1.10	53.11 1.90 -0.07	54.26 2.16 0.00	66.23 2.07 0.00	59.26 2.45 0.00	62.69 2.04 0.00	71.90 1.40 0.00	73.37 1.65 -2.11	123.46 3.25 0.00	95.82 2.27 0.00	60.56 1.43 0.00	70.98 1.76 0.00	96.69 1.59 -34.49	192.30 2.10 -130.78	138.24 1.77 -77.26
BATAVIA__115KV_TB1 55881	51.52 -2.04 0.01	53.04 -2.18 0.00	53.61 -2.47 0.00	52.81 -2.35 0.02	52.90 -2.33 0.00	54.75 -1.90 0.00	108.83 -3.99 0.00	102.13 -2.56 0.70	52.14 -1.52 0.00	47.78 -1.45 0.00	49.62 -1.51 0.00	50.99 -1.12 0.00	62.63 -1.53 0.00	55.37 -1.44 0.00	58.48 -2.18 0.00	68.74 -1.77 0.00	67.40 -1.75 0.46	114.86 -2.86 2.49	90.34 -2.66 0.54	55.85 -2.10 1.18	66.62 -2.60 0.00	58.96 -1.64 0.00	57.66 -1.76 0.00	57.65 -1.56 0.00
BAYONEEC___CTG1 323682	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BAYONEEC___CTG10 323750	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BAYONEEC___CTG2 323683	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BAYONEEC___CTG3 323684	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BAYONEEC___CTG4 323685	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BAYONEEC___CTG5 323686	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BAYONEEC___CTG6 323687	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BAYONEEC___CTG7 323688	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00

BAYONEEC___CTG8 323689	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BAYONEEC___CTG9 323749	55.62 2.05 0.00	56.84 1.62 0.00	57.56 1.48 0.00	56.66 1.47 0.00	56.64 1.41 0.00	58.17 1.52 0.00	116.04 3.22 0.00	108.44 3.05 0.00	55.43 1.78 0.00	51.13 1.91 0.00	53.46 2.33 0.00	54.63 2.53 0.00	66.83 2.67 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.56 2.06 0.00	71.87 2.27 0.00	124.32 4.11 0.00	96.44 2.90 0.00	60.81 1.68 0.00	71.13 1.90 0.00	62.31 1.70 0.00	61.33 1.92 0.00	60.95 1.74 0.00
BEACON___LESR 323632	54.55 0.99 0.00	56.19 0.97 0.00	56.88 0.81 0.00	56.06 0.87 0.00	56.16 0.93 0.00	57.58 0.94 0.00	114.28 1.45 0.00	106.24 0.84 0.00	53.85 0.19 0.00	49.23 0.01 0.00	51.17 0.03 0.00	52.36 0.25 0.00	64.39 0.23 0.00	57.17 0.36 0.00	61.26 0.60 0.00	71.16 0.65 0.00	70.13 0.52 0.00	121.41 1.21 0.00	94.68 1.14 0.00	59.99 0.86 0.00	70.15 0.93 0.00	60.96 0.36 0.00	59.73 0.31 0.00	59.35 0.14 0.00
BEAVER RIVER___HYD 24048	53.27 -0.29 0.00	55.15 -0.07 0.00	56.41 0.33 0.00	55.82 0.63 0.00	56.10 0.88 0.00	57.81 1.16 0.00	115.90 3.07 0.00	108.97 3.57 0.00	55.39 1.73 0.00	50.26 1.03 0.00	51.66 0.52 0.00	52.03 -0.08 0.00	63.66 -0.50 0.00	55.70 -1.11 0.00	60.74 0.08 0.00	71.91 1.41 0.00	71.28 1.67 0.00	123.20 3.00 0.00	95.21 1.66 0.00	60.13 1.00 0.00	70.94 1.72 0.00	61.88 1.28 0.00	60.93 1.52 0.00	60.73 1.52 0.00
BEEBEE_GT_13 23619	51.79 -1.76 0.01	53.33 -1.89 0.00	53.97 -2.11 0.00	53.13 -2.05 0.02	53.22 -2.01 0.00	54.94 -1.72 0.00	109.31 -3.52 0.00	102.26 -2.66 0.47	52.25 -1.41 0.00	48.02 -1.21 0.00	49.91 -1.22 0.00	51.16 -0.95 0.00	63.04 -1.12 0.00	55.64 -1.17 0.00	58.94 -1.71 0.00	68.72 -1.79 0.00	67.55 -1.75 0.30	115.85 -2.67 1.69	90.75 -2.43 0.36	56.50 -1.84 0.80	67.00 -2.22 0.00	59.07 -1.53 0.00	57.78 -1.63 0.00	57.68 -1.54 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.97 2.40 0.00	57.16 1.94 0.00	57.88 1.80 0.00	56.98 1.79 0.00	56.95 1.72 0.00	58.47 1.83 0.00	116.69 3.87 0.00	109.29 3.89 0.00	55.86 2.20 0.00	51.57 2.35 0.00	53.91 2.77 0.00	55.03 2.92 0.00	67.17 3.01 0.00	59.93 3.12 0.00	63.50 2.85 0.00	73.02 2.52 0.00	72.34 2.73 0.00	125.23 5.03 0.00	97.09 3.54 0.00	61.23 2.10 0.00	71.64 2.42 0.00	62.81 2.21 0.00	61.74 2.33 0.00	61.42 2.21 0.00
BETHLEHEM___GRP 23843	53.69 0.12 0.00	55.37 0.14 0.00	56.19 0.11 0.00	55.28 0.09 0.00	55.31 0.08 0.00	56.59 -0.06 0.00	112.28 -0.55 0.00	104.37 -1.02 0.00	52.89 -0.77 0.00	48.44 -0.79 0.00	50.24 -0.89 0.00	51.28 -0.83 0.00	63.06 -1.10 0.00	56.11 -0.70 0.00	60.02 -0.64 0.00	69.67 -0.83 0.00	68.75 -0.86 0.00	118.84 -1.36 0.00	92.78 -0.77 0.00	58.80 -0.33 0.00	68.72 -0.50 0.00	59.86 -0.75 0.00	58.64 -0.77 0.00	58.29 -0.93 0.00
BETHLEHEM___GS1 323560	53.69 0.13 0.00	55.37 0.15 0.00	56.18 0.10 0.00	55.28 0.09 0.00	55.31 0.09 0.00	56.59 -0.06 0.00	112.27 -0.56 0.00	104.39 -1.01 0.00	52.90 -0.75 0.00	48.44 -0.79 0.00	50.24 -0.89 0.00	51.28 -0.83 0.00	63.05 -1.12 0.00	56.11 -0.70 0.00	60.02 -0.64 0.00	69.67 -0.83 0.00	68.75 -0.86 0.00	118.83 -1.37 0.00	92.78 -0.77 0.00	58.80 -0.33 0.00	68.73 -0.49 0.00	59.86 -0.75 0.00	58.64 -0.77 0.00	58.29 -0.93 0.00
BETHLEHEM___GS2 323561	53.69 0.13 0.00	55.37 0.15 0.00	56.18 0.10 0.00	55.28 0.09 0.00	55.31 0.09 0.00	56.59 -0.06 0.00	112.27 -0.56 0.00	104.39 -1.01 0.00	52.90 -0.75 0.00	48.44 -0.79 0.00	50.24 -0.89 0.00	51.28 -0.83 0.00	63.05 -1.12 0.00	56.11 -0.70 0.00	60.02 -0.64 0.00	69.67 -0.83 0.00	68.75 -0.86 0.00	118.83 -1.37 0.00	92.78 -0.77 0.00	58.80 -0.33 0.00	68.73 -0.49 0.00	59.86 -0.75 0.00	58.64 -0.77 0.00	58.29 -0.93 0.00
BETHLEHEM___GS3 323562	53.69 0.13 0.00	55.37 0.15 0.00	56.18 0.10 0.00	55.28 0.09 0.00	55.31 0.09 0.00	56.59 -0.06 0.00	112.27 -0.56 0.00	104.39 -1.01 0.00	52.90 -0.75 0.00	48.44 -0.79 0.00	50.24 -0.89 0.00	51.28 -0.83 0.00	63.05 -1.12 0.00	56.11 -0.70 0.00	60.02 -0.64 0.00	69.67 -0.83 0.00	68.75 -0.86 0.00	118.83 -1.37 0.00	92.78 -0.77 0.00	58.80 -0.33 0.00	68.73 -0.49 0.00	59.86 -0.75 0.00	58.64 -0.77 0.00	58.29 -0.93 0.00
BETHLEHEM___STEEL 23779	50.10 -3.45 0.02	51.60 -3.62 0.00	52.15 -3.93 0.00	51.44 -3.73 0.03	51.46 -3.77 0.00	53.20 -3.44 0.00	105.56 -7.27 0.00	98.69 -5.75 0.96	50.75 -2.91 0.00	46.88 -2.35 0.00	48.65 -2.48 0.00	49.90 -2.21 0.00	61.47 -2.69 0.00	54.08 -2.73 0.00	57.02 -3.63 0.00	66.94 -3.57 0.00	65.20 -3.77 0.64	110.13 -6.60 3.47	87.30 -5.50 0.75	53.68 -3.82 1.64	64.78 -4.44 0.00	57.42 -3.18 0.00	56.34 -3.08 0.00	56.34 -2.88 0.00
BETHLHEM_115KV_TB1 79974	53.80 0.24 0.00	55.47 0.25 0.00	56.31 0.23 0.00	55.40 0.21 0.00	55.43 0.20 0.00	56.70 0.05 0.00	112.53 -0.29 0.00	104.65 -0.74 0.00	53.08 -0.57 0.00	48.62 -0.61 0.00	50.46 -0.67 0.00	51.49 -0.61 0.00	63.31 -0.85 0.00	56.34 -0.48 0.00	60.24 -0.42 0.00	69.91 -0.60 0.00	68.97 -0.63 0.00	119.22 -0.98 0.00	93.06 -0.49 0.00	58.97 -0.16 0.00	68.94 -0.28 0.00	60.07 -0.53 0.00	58.85 -0.56 0.00	58.50 -0.71 0.00
BETHPAGE_CC_5 323564	55.78 2.21 0.00	57.07 1.85 0.00	57.79 1.71 0.00	56.83 1.64 0.00	56.57 1.34 0.00	58.02 1.37 0.00	95.13 2.12 19.82	85.87 1.98 21.50	36.79 1.23 18.09	38.27 1.40 12.35	52.39 2.07 0.82	54.41 2.30 0.00	66.46 2.30 0.00	59.56 2.75 0.00	63.00 2.34 0.00	72.29 1.78 0.00	74.45 2.25 -2.59	124.54 4.33 0.00	96.57 3.02 0.00	61.03 1.90 0.00	71.34 2.12 0.00	67.84 1.91 -5.33	75.96 2.46 -14.10	66.44 2.06 -5.17
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.21 -3.34 0.02	51.71 -3.51 0.00	52.26 -3.83 0.00	51.56 -3.61 0.03	51.60 -3.63 0.00	53.33 -3.32 0.00	105.83 -6.99 0.00	98.99 -5.43 0.98	50.93 -2.73 0.00	47.03 -2.19 0.00	48.78 -2.35 0.00	50.04 -2.07 0.00	61.65 -2.51 0.00	54.24 -2.57 0.00	57.20 -3.46 0.00	67.11 -3.40 0.00	65.34 -3.62 0.65	110.38 -6.28 3.55	87.52 -5.26 0.77	53.79 -3.66 1.68	64.94 -4.28 0.00	57.56 -3.04 0.00	56.48 -2.93 0.00	56.48 -2.73 0.00
BINGHAMTON___COGEN 23790	53.05 -0.50 0.01	54.64 -0.58 0.00	55.49 -0.59 0.00	54.72 -0.46 0.01	54.78 -0.46 0.00	56.18 -0.47 0.00	111.78 -1.05 0.00	104.19 -0.84 0.37	53.20 -0.46 0.00	48.83 -0.40 0.00	50.69 -0.44 0.00	51.93 -0.18 0.00	63.88 -0.28 0.00	56.61 -0.20 0.00	60.24 -0.42 0.00	69.87 -0.63 0.00	68.68 -0.70 0.22	117.80 -1.20 1.20	92.37 -0.92 0.26	57.97 -0.60 0.57	68.55 -0.67 0.00	60.04 -0.56 0.00	58.88 -0.53 0.00	58.66 -0.55 0.00

BIXINCNT_115KV_LOAD 355685	50.26 -3.29 0.02	51.82 -3.40 0.00	52.16 -3.92 0.00	51.70 -3.45 0.04	51.95 -3.28 0.00	53.32 -3.33 0.00	106.27 -6.55 0.00	100.07 -4.28 1.04	51.72 -1.94 0.00	47.65 -1.58 0.00	49.13 -2.00 0.00	50.31 -1.80 0.00	62.05 -2.11 0.00	54.66 -2.15 0.00	57.56 -3.10 0.00	67.40 -3.11 0.00	65.59 -3.30 0.73	110.78 -5.46 3.96	88.16 -4.53 0.86	53.92 -3.34 1.87	65.33 -3.90 0.00	57.98 -2.62 0.00	57.00 -2.41 0.00	56.99 -2.22 0.00
BLACK RIVER___HYD 24047	52.72 -0.84 0.00	54.67 -0.55 0.00	55.95 -0.13 0.00	55.38 0.19 0.00	55.71 0.48 0.00	57.45 0.80 0.00	115.56 2.73 0.00	108.84 3.44 0.00	55.27 1.62 0.00	49.92 0.69 0.00	51.05 -0.08 0.00	51.40 -0.71 0.00	62.74 -1.42 0.00	54.82 -1.99 0.00	60.13 -0.52 0.00	71.75 1.25 0.00	71.45 1.84 0.00	123.76 3.56 0.00	95.38 1.84 0.00	60.24 1.11 0.00	70.93 1.71 0.00	61.65 1.05 0.00	60.68 1.27 0.00	60.39 1.18 0.00
BLACKRVR_115KV_TB2 79977	52.72 -0.84 0.00	54.67 -0.55 0.00	55.95 -0.13 0.00	55.38 0.19 0.00	55.71 0.48 0.00	57.45 0.80 0.00	115.56 2.73 0.00	108.84 3.45 0.00	55.28 1.62 0.00	49.92 0.69 0.00	51.05 -0.08 0.00	51.40 -0.71 0.00	62.73 -1.43 0.00	54.82 -1.99 0.00	60.14 -0.52 0.00	71.75 1.25 0.00	71.44 1.84 0.00	123.77 3.56 0.00	95.39 1.85 0.00	60.24 1.11 0.00	70.93 1.71 0.00	61.65 1.05 0.00	60.68 1.27 0.00	60.39 1.18 0.00
BLDWN_LI_69_KV_BK4 356085	55.92 2.36 0.00	57.23 2.01 0.00	57.93 1.85 0.00	56.98 1.78 0.00	56.72 1.49 0.00	58.19 1.54 0.00	104.06 2.37 11.14	95.58 2.27 12.08	44.89 1.40 10.17	43.86 1.58 6.95	52.93 2.25 0.46	54.61 2.50 0.00	66.76 2.60 0.00	59.78 2.96 0.00	63.23 2.57 0.00	72.25 1.75 0.00	74.66 2.19 -2.86	124.50 4.29 0.00	96.60 3.05 0.00	61.18 2.04 0.00	71.54 2.32 0.00	76.27 2.13 -13.54	107.82 2.50 -45.90	85.76 2.24 -24.30
BLISS_WT_PWR 323608	50.10 -3.45 0.02	51.67 -3.55 0.00	51.98 -4.10 0.00	51.56 -3.60 0.04	51.82 -3.41 0.00	53.16 -3.49 0.00	106.07 -6.75 0.00	99.98 -4.38 1.04	51.73 -1.93 0.00	47.69 -1.53 0.00	49.09 -2.04 0.00	50.23 -1.88 0.00	62.01 -2.15 0.00	54.56 -2.25 0.00	57.44 -3.22 0.00	67.37 -3.13 0.00	65.62 -3.27 0.73	110.88 -5.37 3.96	88.22 -4.47 0.86	53.91 -3.35 1.87	65.32 -3.90 0.00	58.01 -2.59 0.00	57.04 -2.38 0.00	57.06 -2.16 0.00
BLUESTONE___WT_PWR 323821	52.81 -0.76 -0.01	54.38 -0.84 0.00	55.25 -0.83 0.00	55.43 0.22 -0.02	55.92 0.69 0.00	57.16 0.51 0.00	115.62 2.79 0.00	109.09 3.09 -0.61	55.00 1.34 0.00	50.40 1.17 0.00	51.13 0.00 0.00	52.71 0.60 0.00	64.72 0.56 0.00	57.52 0.71 0.00	61.67 1.02 0.00	71.43 0.92 0.00	71.67 1.79 -0.27	125.19 3.50 -1.48	95.78 1.92 -0.32	60.77 0.93 -0.70	70.12 0.90 0.00	60.99 0.39 0.00	60.01 0.60 0.00	60.27 1.05 0.00
BLUE_CIRC_CHEM_DRP 24182	54.34 0.77 0.00	56.05 0.83 0.00	56.94 0.86 0.00	56.03 0.84 0.00	56.06 0.83 0.00	57.35 0.71 0.00	113.78 0.96 0.00	105.81 0.42 0.00	53.67 0.01 0.00	49.12 -0.10 0.00	51.04 -0.09 0.00	52.05 -0.05 0.00	64.06 -0.10 0.00	57.00 0.19 0.00	60.90 0.24 0.00	70.79 0.29 0.00	69.92 0.31 0.00	120.79 0.59 0.00	94.27 0.72 0.00	59.72 0.59 0.00	69.87 0.64 0.00	60.93 0.33 0.00	59.71 0.30 0.00	59.39 0.17 0.00
BOC_GAS_DRP 24189	54.03 0.47 0.00	55.69 0.47 0.00	56.57 0.50 0.00	55.67 0.48 0.00	55.69 0.47 0.00	56.96 0.31 0.00	113.07 0.24 0.00	105.29 -0.10 0.00	53.59 -0.07 0.00	49.11 -0.12 0.00	51.05 -0.09 0.00	52.10 0.00 0.00	64.04 -0.12 0.00	56.93 0.12 0.00	60.79 0.13 0.00	70.48 -0.02 0.00	69.57 -0.04 0.00	120.18 -0.03 0.00	93.71 0.17 0.00	59.37 0.23 0.00	69.46 0.23 0.00	60.62 0.02 0.00	59.43 0.02 0.00	59.10 -0.11 0.00
BOONVILLE_115KV_TB1 79983	54.10 0.53 0.00	55.89 0.67 0.00	56.98 0.90 0.00	56.23 1.04 0.00	56.40 1.17 0.00	58.03 1.39 0.00	116.05 3.22 0.00	108.72 3.33 0.00	55.29 1.63 0.00	50.47 1.24 0.00	52.13 0.99 0.00	52.80 0.70 0.00	64.63 0.47 0.00	57.06 0.24 0.00	61.51 0.85 0.00	72.20 1.69 0.00	71.52 1.92 0.00	123.63 3.42 0.00	95.93 2.38 0.00	60.56 1.42 0.00	71.06 1.84 0.00	62.01 1.41 0.00	60.86 1.45 0.00	60.59 1.37 0.00
BORALEX_4TH_BRANCH 23824	54.85 1.29 0.00	56.71 1.49 0.00	57.36 1.28 0.00	56.35 1.16 0.00	56.31 1.08 0.00	57.68 1.03 0.00	113.86 1.04 0.00	105.40 0.00 0.00	54.00 0.34 0.00	49.01 -0.21 0.00	50.75 -0.38 0.00	51.80 -0.31 0.00	63.75 -0.41 0.00	56.86 0.05 0.00	61.29 0.63 0.00	71.40 0.89 0.00	70.28 0.67 0.00	121.88 1.67 0.00	95.89 2.34 0.00	61.05 1.92 0.00	71.32 2.10 0.00	61.60 1.00 0.00	60.25 0.85 0.00	59.77 0.56 0.00
BOWLINE___1 23526	55.35 1.79 0.00	56.66 1.44 0.00	57.46 1.38 0.00	56.55 1.36 0.00	56.55 1.32 0.00	58.06 1.41 0.00	115.69 2.87 0.00	108.08 2.68 0.00	55.12 1.46 0.00	50.75 1.52 0.00	52.97 1.84 0.00	54.11 2.01 0.00	66.33 2.17 0.00	59.05 2.23 0.00	62.64 1.99 0.00	72.06 1.56 0.00	71.34 1.73 0.00	123.37 3.16 0.00	95.76 2.21 0.00	60.40 1.27 0.00	70.68 1.46 0.00	61.86 1.26 0.00	60.92 1.51 0.00	60.65 1.44 0.00
BOWLINE___2 23595	55.35 1.78 0.00	56.64 1.43 0.00	57.44 1.36 0.00	56.55 1.36 0.00	56.54 1.31 0.00	58.04 1.39 0.00	115.67 2.84 0.00	108.04 2.65 0.00	55.10 1.45 0.00	50.73 1.51 0.00	52.97 1.83 0.00	54.10 2.00 0.00	66.33 2.17 0.00	59.05 2.23 0.00	62.69 2.03 0.00	72.14 1.63 0.00	71.41 1.80 0.00	123.50 3.29 0.00	95.85 2.30 0.00	60.47 1.33 0.00	70.76 1.54 0.00	61.93 1.33 0.00	60.96 1.55 0.00	60.64 1.42 0.00
BRADY___115KV_TB2 356060	55.57 2.00 0.00	57.35 2.13 0.00	58.23 2.15 0.00	57.31 2.12 0.00	57.41 2.18 0.00	59.09 2.44 0.00	118.30 5.48 0.00	110.96 5.57 0.00	56.42 2.76 0.00	51.70 2.48 0.00	53.41 2.27 0.00	54.16 2.06 0.00	67.10 2.94 0.00	58.79 1.98 0.00	62.99 2.33 0.00	73.48 2.97 0.00	72.54 2.94 0.00	125.01 4.81 0.00	97.20 3.65 0.00	61.41 2.27 0.00	72.11 2.88 0.00	63.45 2.85 0.00	62.27 2.86 0.00	62.18 2.97 0.00
BRANSCOMB___SOLAR 323811	55.00 1.43 0.00	56.82 1.60 0.00	57.57 1.49 0.00	56.60 1.40 0.00	56.64 1.41 0.00	58.15 1.50 0.00	115.51 2.68 0.00	107.44 2.05 0.00	54.76 1.10 0.00	49.80 0.57 0.00	51.58 0.44 0.00	52.65 0.54 0.00	64.97 0.81 0.00	57.83 1.02 0.00	62.15 1.49 0.00	72.36 1.85 0.00	71.37 1.76 0.00	123.58 3.38 0.00	96.74 3.20 0.00	61.21 2.07 0.00	71.43 2.21 0.00	62.07 1.47 0.00	60.84 1.43 0.00	60.45 1.24 0.00
BRDGHMPT_69_KV_BK1 55812	55.17 1.60 0.00	56.42 1.20 0.00	57.13 1.05 0.00	56.17 0.98 0.00	55.93 0.70 0.00	60.07 0.96 -2.46	103.03 1.30 11.10	91.43 1.19 15.16	34.45 0.65 19.86	37.25 0.81 12.78	51.65 1.58 1.07	54.43 2.32 0.00	68.37 2.17 -2.04	61.13 2.84 -1.47	73.31 2.52 -10.13	82.44 2.07 -9.87	85.37 2.73 -13.04	147.58 6.95 -20.43	113.36 4.61 -15.20	70.44 2.26 -9.04	83.48 2.73 -11.53	72.84 1.77 -10.46	70.17 2.57 -8.20	66.11 1.81 -5.09

BRENTWOD_69_KV_W. BRTWOOD 56703	56.14 2.57 0.00	57.43 2.21 0.00	58.16 2.08 0.00	57.19 1.99 0.00	56.86 1.63 0.00	60.51 1.72 -2.14	103.70 2.91 12.04	92.28 2.66 15.77	35.94 1.73 19.45	38.44 1.83 12.61	52.52 2.42 1.03	54.78 2.67 0.00	68.75 2.82 -1.77	61.41 3.32 -1.28	72.28 2.82 -8.81	81.44 2.35 -8.58	84.21 2.92 -11.69	143.62 5.65 -17.76	110.81 4.05 -13.21	69.67 2.67 -7.86	82.19 2.95 -10.02	73.09 2.56 -9.92	71.88 3.02 -9.45	67.21 2.62 -5.38
BRISTLHL_115KV_TB1 79998	51.81 -1.75 0.00	53.39 -1.83 0.00	54.21 -1.87 0.00	53.37 -1.82 0.00	53.42 -1.81 0.00	54.84 -1.80 0.00	109.28 -3.55 0.00	102.20 -3.19 0.00	52.00 -1.66 0.00	47.61 -1.62 0.00	49.40 -1.74 0.00	50.38 -1.72 0.00	62.03 -2.13 0.00	55.00 -1.81 0.00	58.71 -1.95 0.00	68.32 -2.19 0.00	67.52 -2.09 0.00	116.62 -3.58 0.00	90.71 -2.83 0.00	57.30 -1.83 0.00	67.04 -2.19 0.00	58.64 -1.96 0.00	57.44 -1.98 0.00	57.24 -1.97 0.00
BROOKHAVEN___DRP 24191	55.51 1.94 0.00	56.77 1.55 0.00	57.47 1.39 0.00	56.49 1.30 0.00	56.16 0.93 0.00	60.15 1.00 -2.50	103.34 1.40 10.89	91.74 1.33 14.98	34.68 0.85 19.83	37.53 1.05 12.75	51.73 1.67 1.07	54.10 2.00 0.00	67.98 1.75 -2.07	60.72 2.41 -1.50	72.95 2.01 -10.29	82.12 1.59 -10.02	85.00 2.19 -13.21	145.77 4.82 -20.75	112.26 3.28 -15.44	70.16 1.84 -9.18	82.98 2.05 -11.70	72.83 1.64 -10.59	69.93 2.26 -8.26	66.18 1.79 -5.17
BROOKLYN_NAVY_YARD 23515	55.43 1.87 0.00	56.64 1.42 0.00	57.36 1.29 0.00	56.46 1.27 0.01	56.44 1.21 0.00	57.99 1.34 0.00	115.69 2.87 0.00	108.12 2.73 0.00	55.28 1.63 0.00	50.99 1.76 0.00	53.29 2.16 0.00	54.47 2.36 0.00	66.65 2.49 0.00	59.35 2.54 0.00	62.93 2.27 0.00	72.37 1.86 0.00	71.71 2.10 0.00	124.02 3.81 0.00	96.22 2.67 0.00	60.67 1.54 0.00	70.92 1.70 0.00	62.13 1.53 0.00	61.21 1.80 0.00	60.80 1.59 0.00
BROOKLYN___ARMY_DRP 323595	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
BROOME_2_LFGE 323671	53.05 -0.51 0.01	54.64 -0.58 0.00	55.49 -0.59 0.00	54.71 -0.46 0.01	54.77 -0.46 0.00	56.18 -0.47 0.00	111.77 -1.06 0.00	104.18 -0.84 0.37	53.20 -0.46 0.00	48.83 -0.40 0.00	50.69 -0.45 0.00	51.93 -0.18 0.00	63.88 -0.28 0.00	56.61 -0.20 0.00	60.24 -0.42 0.00	69.87 -0.63 0.00	68.68 -0.70 0.22	117.80 -1.20 1.20	92.37 -0.92 0.26	57.96 -0.61 0.57	68.55 -0.67 0.00	60.03 -0.57 0.00	58.88 -0.53 0.00	58.66 -0.55 0.00
BROOME___LFGE 323600	53.05 -0.51 0.01	54.64 -0.58 0.00	55.49 -0.59 0.00	54.71 -0.46 0.01	54.77 -0.46 0.00	56.18 -0.47 0.00	111.77 -1.06 0.00	104.18 -0.84 0.37	53.20 -0.46 0.00	48.83 -0.40 0.00	50.69 -0.45 0.00	51.93 -0.18 0.00	63.88 -0.28 0.00	56.61 -0.20 0.00	60.24 -0.42 0.00	69.87 -0.63 0.00	68.68 -0.70 0.22	117.80 -1.20 1.20	92.37 -0.92 0.26	57.96 -0.61 0.57	68.55 -0.67 0.00	60.03 -0.57 0.00	58.88 -0.53 0.00	58.66 -0.55 0.00
BROWNFLS_115KV_TB 3_5 80003	53.80 0.23 0.00	55.62 0.40 0.00	56.72 0.64 0.00	55.99 0.80 0.00	56.19 0.97 0.00	57.85 1.20 0.00	115.72 2.90 0.00	108.73 3.33 0.00	55.27 1.62 0.00	50.37 1.15 0.00	52.05 0.91 0.00	52.57 0.46 0.00	64.63 0.47 0.00	56.62 -0.19 0.00	61.15 0.50 0.00	71.77 1.27 0.00	70.77 1.16 0.00	121.96 1.76 0.00	94.53 0.98 0.00	59.81 0.67 0.00	70.66 1.43 0.00	62.00 1.39 0.00	61.03 1.62 0.00	60.89 1.68 0.00
BROWNSV1_27_KV_LOAD 356125	56.07 2.50 0.00	57.30 2.08 0.00	58.01 1.94 0.00	57.09 1.90 0.00	57.08 1.85 0.00	58.64 1.99 0.00	117.08 4.26 0.00	109.47 4.07 0.00	55.95 2.29 0.00	51.61 2.38 0.00	53.94 2.80 0.00	55.12 3.01 0.00	67.46 3.30 0.00	60.07 3.26 0.00	63.68 3.02 0.00	73.27 2.76 0.00	72.60 2.99 0.00	125.58 5.38 0.00	97.40 3.86 0.00	61.42 2.29 0.00	71.82 2.60 0.00	62.90 2.30 0.00	61.90 2.48 0.00	61.51 2.29 0.00
BURROWS___LYONSDAL 23803	53.81 0.25 0.00	55.62 0.40 0.00	56.80 0.72 0.00	56.10 0.91 0.00	56.32 1.08 0.00	57.94 1.29 0.00	116.00 3.18 0.00	108.76 3.36 0.00	55.31 1.66 0.00	50.40 1.17 0.00	51.98 0.84 0.00	52.54 0.43 0.00	64.27 0.10 0.00	56.60 -0.21 0.00	61.26 0.60 0.00	72.10 1.60 0.00	71.47 1.86 0.00	123.54 3.33 0.00	95.73 2.19 0.00	60.42 1.29 0.00	71.00 1.77 0.00	61.93 1.33 0.00	60.84 1.44 0.00	60.60 1.39 0.00
CAITHNESS_CC_1 323624	55.42 1.85 0.00	56.68 1.46 0.00	57.39 1.32 0.00	56.41 1.22 0.00	56.06 0.83 0.00	60.04 0.86 -2.53	103.16 1.04 10.71	91.49 0.93 14.83	34.53 0.67 19.79	37.42 0.91 12.72	51.70 1.63 1.07	54.03 1.92 0.00	67.89 1.64 -2.10	60.64 2.32 -1.52	72.95 1.86 -10.43	82.04 1.38 -10.16	84.93 1.97 -13.35	145.58 4.34 -21.03	112.12 2.92 -15.65	70.10 1.67 -9.30	82.91 1.82 -11.86	72.78 1.48 -10.69	69.85 2.11 -8.32	66.11 1.65 -5.25
CALPINE BETH_PAGE_GT4 24209	55.70 2.13 0.00	56.99 1.77 0.00	57.70 1.62 0.00	56.73 1.54 0.00	56.49 1.26 0.00	57.95 1.30 0.00	97.04 1.82 17.60	88.03 1.73 19.09	38.69 1.09 16.07	39.54 1.29 10.97	52.30 1.90 0.73	54.24 2.13 0.00	66.27 2.11 0.00	59.35 2.54 0.00	62.80 2.15 0.00	72.04 1.54 0.00	74.36 1.99 -2.76	124.11 3.91 0.00	96.23 2.68 0.00	60.84 1.71 0.00	71.09 1.87 0.00	69.01 1.72 -6.68	80.77 2.33 -19.02	69.17 1.98 -7.97
CALPINE_BETH_PAGE_GT_4 323586	55.70 2.14 0.00	56.99 1.77 0.00	57.70 1.62 0.00	56.75 1.55 0.00	56.49 1.26 0.00	57.95 1.30 0.00	96.98 1.76 17.60	87.95 1.65 19.09	38.64 1.05 16.07	39.49 1.24 10.97	52.32 1.91 0.73	54.24 2.13 0.00	66.26 2.10 0.00	59.36 2.55 0.00	62.80 2.15 0.00	72.04 1.54 0.00	74.36 2.00 -2.76	124.09 3.88 0.00	96.24 2.69 0.00	60.83 1.69 0.00	71.08 1.86 0.00	69.00 1.72 -6.68	80.77 2.34 -19.02	69.16 1.97 -7.97
CALPINE_BP_GT1 23823	55.70 2.14 0.00	56.99 1.77 0.00	57.70 1.62 0.00	56.75 1.55 0.00	56.49 1.26 0.00	57.95 1.30 0.00	96.98 1.76 17.60	87.95 1.65 19.09	38.64 1.05 16.07	39.49 1.24 10.97	52.32 1.91 0.73	54.24 2.13 0.00	66.26 2.10 0.00	59.36 2.55 0.00	62.80 2.15 0.00	72.04 1.54 0.00	74.36 2.00 -2.76	124.09 3.88 0.00	96.24 2.69 0.00	60.83 1.69 0.00	71.08 1.86 0.00	69.00 1.72 -6.68	80.77 2.34 -19.02	69.16 1.97 -7.97
CALSPAN___DRP 24200	50.10 -3.45 0.02	51.60 -3.62 0.00	52.15 -3.93 0.00	51.44 -3.73 0.03	51.46 -3.77 0.00	53.20 -3.44 0.00	105.56 -7.27 0.00	98.69 -5.75 0.96	50.75 -2.91 0.00	46.88 -2.35 0.00	48.65 -2.48 0.00	49.90 -2.21 0.00	61.47 -2.69 0.00	54.08 -2.73 0.00	57.02 -3.63 0.00	66.94 -3.57 0.00	65.20 -3.77 0.64	110.13 -6.60 3.47	87.30 -5.50 0.75	53.68 -3.82 1.64	64.78 -4.44 0.00	57.42 -3.18 0.00	56.34 -3.08 0.00	56.34 -2.88 0.00

CALVERTON___SOLAR 323806	55.57 2.00 0.00	56.82 1.61 0.00	57.54 1.46 0.00	56.57 1.37 0.00	56.22 0.99 0.00	60.23 1.10 -2.49	103.37 1.51 10.97	91.70 1.35 15.05	34.63 0.81 19.84	37.45 0.99 12.76	51.75 1.68 1.07	54.17 2.06 0.00	68.03 1.82 -2.06	60.84 2.54 -1.49	73.05 2.17 -10.23	82.24 1.77 -9.97	85.15 2.40 -13.15	146.11 5.27 -20.64	112.52 3.62 -15.35	70.29 2.02 -9.13	83.14 2.28 -11.64	72.93 1.79 -10.54	70.06 2.41 -8.24	66.24 1.88 -5.14
CANDIGU_WT_PWR 323617	49.09 -4.44 0.04	50.43 -4.79 0.00	51.07 -5.01 0.00	50.46 -4.66 0.07	50.60 -4.63 0.00	52.01 -4.63 0.00	103.12 -9.70 0.01	95.36 -8.02 2.01	49.75 -3.90 0.00	46.12 -3.11 0.00	47.58 -3.56 0.00	48.64 -3.47 0.00	60.14 -4.02 0.00	53.18 -3.63 0.00	56.32 -4.33 0.00	66.03 -4.47 0.00	63.61 -4.78 1.21	104.98 -8.63 6.60	85.48 -6.64 1.43	51.83 -4.18 3.12	64.80 -4.43 0.00	57.23 -3.37 0.00	56.31 -3.10 0.00	56.28 -2.93 0.00
CARR STREET_E_SYR 24060	52.36 -1.21 0.00	54.05 -1.17 0.00	54.93 -1.15 0.00	54.09 -1.11 0.00	54.12 -1.10 0.00	55.47 -1.19 0.00	110.48 -2.35 0.00	103.33 -2.07 0.00	52.54 -1.12 0.00	48.14 -1.09 0.00	49.98 -1.15 0.00	51.08 -1.03 0.00	62.86 -1.31 0.00	55.72 -1.09 0.00	59.42 -1.23 0.00	69.12 -1.38 0.00	68.27 -1.34 0.00	117.85 -2.35 0.00	91.68 -1.87 0.00	57.87 -1.26 0.00	67.70 -1.52 0.00	59.28 -1.33 0.00	58.09 -1.32 0.00	58.01 -1.20 0.00
CARTHAGE___PAPER 23857	53.44 -0.13 0.00	55.35 0.13 0.00	56.63 0.55 0.00	56.03 0.84 0.00	56.36 1.13 0.00	58.10 1.45 0.00	116.71 3.89 0.00	109.88 4.48 0.00	55.82 2.17 0.00	50.51 1.29 0.00	51.78 0.64 0.00	52.16 0.06 0.00	63.78 -0.38 0.00	55.77 -1.04 0.00	60.98 0.32 0.00	72.44 1.93 0.00	71.97 2.36 0.00	124.52 4.32 0.00	96.10 2.56 0.00	60.70 1.57 0.00	71.55 2.32 0.00	62.30 1.69 0.00	61.33 1.92 0.00	61.08 1.87 0.00
CASSADAGA_WT_PWR 323784	49.91 -3.64 0.02	51.68 -3.53 0.00	52.13 -3.95 0.00	51.66 -3.50 0.04	51.70 -3.53 0.00	53.78 -2.87 0.00	107.83 -5.00 0.00	101.12 -3.27 1.01	51.50 -2.15 0.00	47.68 -1.54 0.00	49.68 -1.45 0.00	50.83 -1.28 0.00	62.64 -1.51 0.00	55.07 -1.74 0.00	57.97 -2.68 0.00	67.87 -2.63 0.00	66.06 -2.85 0.71	111.51 -4.85 3.84	88.86 -3.85 0.83	54.45 -2.87 1.82	66.29 -2.93 0.00	58.66 -1.94 0.00	57.56 -1.85 0.00	57.46 -1.76 0.00
CE_DUNWOOD___DRP 24194	55.51 1.94 0.00	56.80 1.58 0.00	57.57 1.49 0.00	56.66 1.47 0.00	56.65 1.42 0.00	58.15 1.50 0.00	115.90 3.07 0.00	108.25 2.85 0.00	55.26 1.60 0.00	50.89 1.67 0.00	53.16 2.02 0.00	54.33 2.22 0.00	66.56 2.40 0.00	59.26 2.44 0.00	62.89 2.23 0.00	72.41 1.90 0.00	71.68 2.08 0.00	123.99 3.78 0.00	96.24 2.70 0.00	60.72 1.59 0.00	71.05 1.83 0.00	62.18 1.57 0.00	61.17 1.75 0.00	60.80 1.59 0.00
CE_MILLWOOD___DRP 24193	55.44 1.88 0.00	56.75 1.53 0.00	57.54 1.46 0.00	56.61 1.42 0.00	56.61 1.39 0.00	58.12 1.48 0.00	115.83 3.00 0.00	108.19 2.80 0.00	55.21 1.55 0.00	50.84 1.62 0.00	53.09 1.95 0.00	54.25 2.14 0.00	66.49 2.33 0.00	59.18 2.37 0.00	62.82 2.16 0.00	72.33 1.82 0.00	71.59 1.98 0.00	123.85 3.65 0.00	96.14 2.60 0.00	60.65 1.51 0.00	70.95 1.73 0.00	62.10 1.50 0.00	61.10 1.69 0.00	60.73 1.52 0.00
CE_NYC2_DRP 24202	55.63 2.06 0.00	56.85 1.63 0.00	57.57 1.49 0.00	56.67 1.48 0.00	56.63 1.40 0.00	58.16 1.51 0.00	115.96 3.14 0.00	108.50 3.10 0.00	55.49 1.84 0.00	51.25 2.03 0.00	53.60 2.46 0.00	54.74 2.63 0.00	66.86 2.70 0.00	59.54 2.72 0.00	63.10 2.44 0.00	72.57 2.06 0.00	71.88 2.28 0.00	124.34 4.14 0.00	96.42 2.87 0.00	60.80 1.67 0.00	71.14 1.91 0.00	62.36 1.76 0.00	61.32 1.91 0.00	60.96 1.74 0.00
CE_NYC_DRP 24195	55.70 2.13 0.00	56.92 1.70 0.00	57.63 1.56 0.00	56.72 1.53 0.00	56.71 1.48 0.00	58.24 1.59 0.00	116.25 3.42 0.00	108.64 3.24 0.00	55.53 1.87 0.00	51.24 2.01 0.00	53.56 2.42 0.00	54.74 2.63 0.00	66.98 2.82 0.00	59.63 2.82 0.00	63.23 2.57 0.00	72.73 2.22 0.00	72.05 2.45 0.00	124.61 4.40 0.00	96.67 3.12 0.00	60.94 1.80 0.00	71.26 2.04 0.00	62.43 1.83 0.00	61.45 2.04 0.00	61.06 1.84 0.00
CHAFFEE___LFGE 323603	50.29 -3.26 0.02	51.81 -3.41 0.00	52.35 -3.73 0.00	51.63 -3.53 0.03	51.65 -3.58 0.00	53.43 -3.22 0.00	106.12 -6.71 0.00	99.21 -5.18 1.00	51.00 -2.66 0.00	47.09 -2.13 0.00	48.82 -2.31 0.00	50.11 -2.00 0.00	61.77 -2.40 0.00	54.33 -2.48 0.00	57.26 -3.39 0.00	67.20 -3.30 0.00	65.42 -3.51 0.68	110.36 -6.12 3.72	87.66 -5.09 0.80	53.80 -3.57 1.76	65.04 -4.18 0.00	57.64 -2.97 0.00	56.51 -2.90 0.00	56.50 -2.72 0.00
CHATEAUG_35_KV_LOAD 355732	54.38 0.81 0.00	56.03 0.81 0.00	56.91 0.83 0.00	55.95 0.76 0.00	56.09 0.86 0.00	57.68 1.03 0.00	115.70 2.87 0.00	108.46 3.07 0.00	55.15 1.49 0.00	50.54 1.32 0.00	52.30 1.17 0.00	53.16 1.05 0.00	65.71 1.54 0.00	57.97 1.16 0.00	61.86 1.20 0.00	72.21 1.71 0.00	71.24 1.63 0.00	122.87 2.67 0.00	95.70 2.16 0.00	60.41 1.28 0.00	70.79 1.57 0.00	62.09 1.49 0.00	61.00 1.59 0.00	61.15 1.93 0.00
CHATEAUG_WT_PWR 323614	54.17 0.61 0.00	55.85 0.63 0.00	56.72 0.64 0.00	55.77 0.58 0.00	55.90 0.67 0.00	57.43 0.78 0.00	115.15 2.32 0.00	107.90 2.50 0.00	54.90 1.24 0.00	50.34 1.12 0.00	52.16 1.03 0.00	53.05 0.94 0.00	65.53 1.37 0.00	57.79 0.97 0.00	61.61 0.95 0.00	71.91 1.41 0.00	70.88 1.27 0.00	122.19 1.98 0.00	95.13 1.58 0.00	60.08 0.95 0.00	70.41 1.19 0.00	61.77 1.17 0.00	60.72 1.31 0.00	60.88 1.67 0.00
CHAT_HIGH_FALL_HYD 323578	54.38 0.81 0.00	56.03 0.81 0.00	56.91 0.83 0.00	55.95 0.76 0.00	56.09 0.86 0.00	57.68 1.03 0.00	115.70 2.87 0.00	108.46 3.07 0.00	55.15 1.49 0.00	50.54 1.32 0.00	52.30 1.17 0.00	53.16 1.05 0.00	65.71 1.54 0.00	57.97 1.16 0.00	61.86 1.20 0.00	72.21 1.71 0.00	71.24 1.63 0.00	122.87 2.67 0.00	95.70 2.16 0.00	60.41 1.28 0.00	70.79 1.57 0.00	62.09 1.49 0.00	61.00 1.59 0.00	61.15 1.93 0.00
CHAUTAUQUA___LFGE 323629	49.79 -3.75 0.02	51.48 -3.74 0.00	51.95 -4.13 0.00	51.43 -3.73 0.03	51.43 -3.80 0.00	53.31 -3.34 0.00	106.38 -6.44 0.00	99.69 -4.72 0.98	50.99 -2.67 0.00	47.18 -2.04 0.00	49.03 -2.10 0.00	50.25 -1.86 0.00	61.98 -2.19 0.00	54.54 -2.27 0.00	57.37 -3.29 0.00	67.21 -3.30 0.00	65.29 -3.65 0.67	110.32 -6.26 3.63	87.81 -4.95 0.78	53.94 -3.47 1.72	65.44 -3.79 0.00	57.85 -2.76 0.00	56.79 -2.61 0.00	56.74 -2.47 0.00
CHERRYST_13_KV_LD 356241	55.81 2.25 0.00	57.06 1.84 0.00	57.75 1.67 0.00	56.85 1.65 0.00	56.83 1.60 0.00	58.39 1.74 0.00	116.57 3.74 0.00	108.95 3.56 0.00	55.69 2.04 0.00	51.39 2.17 0.00	53.73 2.59 0.00	54.91 2.80 0.00	67.21 3.05 0.00	59.83 3.02 0.00	63.42 2.76 0.00	72.96 2.46 0.00	72.28 2.67 0.00	125.01 4.80 0.00	96.96 3.41 0.00	61.10 1.97 0.00	71.46 2.24 0.00	62.59 1.98 0.00	61.60 2.19 0.00	61.22 2.01 0.00

CHESTROR_138KV_BK263 355645	55.24 1.68 0.00	56.61 1.39 0.00	57.43 1.35 0.00	56.53 1.34 0.00	56.54 1.31 0.00	58.02 1.36 0.00	115.61 2.78 0.00	107.99 2.59 0.00	55.02 1.36 0.00	50.61 1.39 0.00	52.82 1.68 0.00	53.91 1.81 0.00	66.19 2.03 0.00	58.90 2.09 0.00	62.58 1.93 0.00	72.18 1.67 0.00	71.42 1.81 0.00	123.52 3.31 0.00	95.92 2.38 0.00	60.52 1.39 0.00	70.83 1.61 0.00	61.98 1.38 0.00	60.93 1.52 0.00	60.60 1.39 0.00
CH_MIDHUDSON___DRP 24192	55.40 1.83 0.00	56.78 1.57 0.00	57.60 1.52 0.00	56.70 1.50 0.00	56.70 1.48 0.00	58.17 1.52 0.00	115.88 3.06 0.00	108.21 2.81 0.00	55.18 1.53 0.00	50.78 1.55 0.00	52.99 1.86 0.00	54.16 2.05 0.00	66.43 2.27 0.00	59.08 2.27 0.00	62.82 2.16 0.00	72.45 1.94 0.00	71.66 2.06 0.00	123.95 3.74 0.00	96.33 2.78 0.00	60.80 1.67 0.00	71.13 1.91 0.00	62.21 1.61 0.00	61.14 1.73 0.00	60.74 1.53 0.00
CH_MISC_IPPS 23765	55.75 2.19 0.00	57.13 1.91 0.00	57.94 1.86 0.00	57.04 1.84 0.00	57.04 1.81 0.00	58.56 1.91 0.00	116.73 3.91 0.00	109.04 3.65 0.00	55.57 1.92 0.00	51.13 1.90 0.00	53.37 2.24 0.00	54.54 2.43 0.00	66.94 2.78 0.00	59.53 2.71 0.00	63.30 2.64 0.00	72.99 2.49 0.00	72.25 2.64 0.00	124.95 4.74 0.00	97.04 3.50 0.00	61.25 2.11 0.00	71.64 2.42 0.00	62.65 2.05 0.00	61.55 2.14 0.00	61.16 1.95 0.00
CH_RES_BVR_FALLS 23983	53.46 -0.11 0.00	55.27 0.05 0.00	56.21 0.13 0.00	55.38 0.19 0.00	55.46 0.24 0.00	56.92 0.27 0.00	113.56 0.73 0.00	106.25 0.85 0.00	54.09 0.44 0.00	49.56 0.34 0.00	51.41 0.27 0.00	52.27 0.16 0.00	64.11 -0.05 0.00	56.48 -0.33 0.00	60.54 -0.12 0.00	70.81 0.31 0.00	70.13 0.52 0.00	121.03 0.82 0.00	94.08 0.53 0.00	59.35 0.22 0.00	69.53 0.31 0.00	60.99 0.39 0.00	59.80 0.39 0.00	59.71 0.50 0.00
CH_RES_NIAGARA 23895	49.06 -4.49 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.32 -4.84 0.03	50.34 -4.88 0.00	52.00 -4.64 0.00	102.77 -10.05 0.00	95.99 -8.59 0.81	49.40 -4.26 0.00	45.60 -3.63 0.00	47.40 -3.73 0.00	48.57 -3.53 0.00	59.83 -4.33 0.00	52.58 -4.23 0.00	55.39 -5.27 0.00	64.93 -5.57 0.00	63.15 -5.92 0.53	106.85 -10.46 2.90	84.32 -8.60 0.63	51.95 -5.81 1.37	62.31 -6.91 0.00	55.67 -4.93 0.00	54.71 -4.70 0.00	54.89 -4.33 0.00
CH_RES_SYRACUSE 23985	52.81 -0.76 0.00	54.43 -0.79 0.00	55.27 -0.81 0.00	54.43 -0.77 -0.01	54.50 -0.73 0.00	55.96 -0.69 0.00	111.55 -1.27 0.00	104.52 -1.07 -0.20	53.00 -0.66 0.00	48.49 -0.73 0.00	50.34 -0.79 0.00	51.51 -0.59 0.00	63.35 -0.81 0.00	56.16 -0.66 0.00	59.92 -0.74 0.00	69.72 -0.78 0.00	68.96 -0.75 -0.10	119.47 -1.30 -0.56	92.59 -1.08 -0.12	58.65 -0.74 -0.26	68.31 -0.91 0.00	59.85 -0.75 0.00	58.60 -0.81 0.00	58.40 -0.81 0.00
CLINTON_WT_PWR 323605	54.17 0.61 0.00	55.85 0.63 0.00	56.72 0.64 0.00	55.77 0.58 0.00	55.90 0.67 0.00	57.43 0.78 0.00	115.15 2.32 0.00	107.90 2.50 0.00	54.90 1.24 0.00	50.34 1.12 0.00	52.16 1.03 0.00	53.05 0.94 0.00	65.53 1.37 0.00	57.79 0.97 0.00	61.61 0.95 0.00	71.91 1.41 0.00	70.88 1.27 0.00	122.19 1.98 0.00	95.13 1.58 0.00	60.08 0.95 0.00	70.41 1.19 0.00	61.77 1.17 0.00	60.72 1.31 0.00	60.88 1.67 0.00
CLINTON___LFGE 323618	54.85 1.28 0.00	56.48 1.26 0.00	57.31 1.23 0.00	56.29 1.09 0.00	56.39 1.16 0.00	57.85 1.20 0.00	116.34 3.52 0.00	109.13 3.74 0.00	55.50 1.84 0.00	50.84 1.61 0.00	52.48 1.35 0.00	53.46 1.36 0.00	66.15 1.99 0.00	58.35 1.53 0.00	62.07 1.42 0.00	72.54 2.03 0.00	71.53 1.92 0.00	123.43 3.23 0.00	96.24 2.70 0.00	60.68 1.54 0.00	71.06 1.84 0.00	62.34 1.74 0.00	61.37 1.96 0.00	61.64 2.43 0.00
COBBLENY_34_KV_TB1 80064	50.29 -3.25 0.02	51.80 -3.42 0.00	52.35 -3.73 0.00	51.64 -3.52 0.03	51.67 -3.56 0.00	53.44 -3.21 0.00	106.10 -6.72 0.00	99.18 -5.22 1.00	51.01 -2.65 0.00	47.08 -2.14 0.00	48.83 -2.31 0.00	50.12 -1.99 0.00	61.74 -2.43 0.00	54.33 -2.48 0.00	57.28 -3.37 0.00	67.20 -3.31 0.00	65.41 -3.51 0.68	110.35 -6.13 3.72	87.65 -5.09 0.80	53.81 -3.57 1.76	65.05 -4.17 0.00	57.65 -2.96 0.00	56.53 -2.88 0.00	56.50 -2.71 0.00
COFFEEN___115KV_TB3 355620	52.95 -0.62 0.00	54.88 -0.34 0.00	56.15 0.07 0.00	55.55 0.36 0.00	55.87 0.64 0.00	57.66 1.02 0.00	116.06 3.23 0.00	109.29 3.90 0.00	55.50 1.84 0.00	50.04 0.81 0.00	51.13 -0.01 0.00	51.53 -0.58 0.00	62.83 -1.33 0.00	54.85 -1.97 0.00	60.18 -0.47 0.00	71.98 1.48 0.00	71.76 2.16 0.00	124.48 4.27 0.00	95.90 2.35 0.00	60.56 1.43 0.00	71.28 2.06 0.00	61.95 1.35 0.00	60.92 1.51 0.00	60.61 1.40 0.00
COLDSPRG_115KV_BK1 355956	51.23 -2.31 0.02	52.77 -2.45 0.00	53.34 -2.74 0.00	52.78 -2.38 0.04	52.88 -2.35 0.00	54.72 -1.92 0.00	109.06 -3.76 0.00	102.12 -2.22 1.05	52.25 -1.41 0.00	48.33 -0.90 0.00	50.21 -0.92 0.00	51.62 -0.48 0.00	63.65 -0.51 0.00	56.14 -0.67 0.00	59.01 -1.65 0.00	68.60 -1.90 0.00	66.48 -2.37 0.77	112.09 -3.93 4.18	89.45 -3.19 0.90	54.71 -2.45 1.98	66.60 -2.63 0.00	58.89 -1.71 0.00	57.78 -1.63 0.00	57.69 -1.52 0.00
COLONIE_LFGE___ 323577	54.42 0.85 0.00	56.15 0.94 0.00	56.93 0.86 0.00	55.98 0.78 0.00	55.99 0.76 0.00	57.36 0.71 0.00	113.72 0.89 0.00	105.70 0.31 0.00	53.94 0.28 0.00	49.18 -0.05 0.00	51.00 -0.14 0.00	52.04 -0.06 0.00	64.07 -0.09 0.00	57.03 0.21 0.00	61.19 0.54 0.00	71.13 0.63 0.00	70.17 0.56 0.00	121.51 1.30 0.00	95.07 1.52 0.00	60.29 1.16 0.00	70.42 1.20 0.00	61.14 0.54 0.00	59.89 0.48 0.00	59.50 0.29 0.00
COOPERNY_115KV_TB1 80082	54.81 1.25 0.00	56.27 1.05 0.00	57.14 1.06 0.00	56.26 1.06 0.00	56.27 1.04 0.00	57.70 1.05 0.00	114.89 2.07 0.00	107.31 1.92 0.00	54.70 1.05 0.00	50.30 1.08 0.00	52.39 1.25 0.00	53.47 1.36 0.00	65.68 1.51 0.00	58.39 1.58 0.00	62.12 1.46 0.00	71.75 1.25 0.00	70.95 1.34 0.00	122.62 2.42 0.00	95.29 1.75 0.00	60.18 1.05 0.00	70.45 1.22 0.00	61.65 1.05 0.00	60.54 1.13 0.00	60.25 1.04 0.00
COPENHAGEN_WT_PWR 323753	52.20 -1.36 0.00	54.24 -0.97 0.00	55.56 -0.52 0.00	55.06 -0.14 0.00	55.42 0.19 0.00	57.10 0.45 0.00	114.85 2.03 0.00	108.17 2.78 0.00	54.97 1.31 0.00	49.66 0.44 0.00	50.78 -0.36 0.00	51.07 -1.03 0.00	62.23 -1.93 0.00	54.49 -2.32 0.00	59.80 -0.86 0.00	71.37 0.87 0.00	71.07 1.47 0.00	123.06 2.85 0.00	94.75 1.21 0.00	59.86 0.73 0.00	70.45 1.23 0.00	61.20 0.60 0.00	60.31 0.90 0.00	60.07 0.85 0.00
CORNELL_____ 23752	53.83 0.19 -0.08	55.33 0.12 0.00	56.16 0.08 0.00	55.50 0.18 -0.13	55.47 0.24 0.00	57.01 0.36 0.00	113.79 0.95 -0.01	111.88 1.77 -4.72	54.30 0.64 0.00	49.40 0.18 0.00	51.02 -0.12 0.00	52.45 0.34 0.00	64.52 0.36 0.00	57.10 0.29 0.00	61.02 0.36 0.00	71.06 0.55 0.00	72.71 0.72 -2.38	134.47 1.32 -12.95	97.40 1.06 -2.80	65.80 0.54 -6.13	69.82 0.59 0.00	61.13 0.53 0.00	59.83 0.42 0.00	59.59 0.38 0.00

CORONA V_69_KV_TB1 355595	55.96 2.40 0.00	57.27 2.06 0.00	57.97 1.89 0.00	57.02 1.83 0.00	56.80 1.57 0.00	58.29 1.64 0.00	114.68 2.82 0.97	106.97 2.62 1.05	54.27 1.50 0.88	50.29 1.67 0.61	53.47 2.37 0.04	54.75 2.65 0.00	66.93 2.77 0.00	59.83 3.02 0.00	63.31 2.65 0.00	72.74 2.23 0.00	76.14 2.56 -3.97	124.99 4.79 0.00	97.02 3.47 0.00	61.24 2.11 0.00	71.70 2.48 0.00	87.38 2.21 -24.58	148.96 2.67 -86.88	109.62 2.33 -48.07
CORTLAND_115KV_TB3 80093	53.56 -0.02 -0.02	55.19 -0.03 0.00	56.06 -0.02 0.00	55.28 0.05 -0.04	55.32 0.09 0.00	56.79 0.14 0.00	113.20 0.37 0.00	106.68 0.40 -0.89	53.75 0.09 0.00	49.20 -0.03 0.00	51.00 -0.14 0.00	52.19 0.08 0.00	64.19 0.03 0.00	56.95 0.14 0.00	60.80 0.14 0.00	70.70 0.20 0.00	70.54 0.28 -0.65	124.23 0.48 -3.54	94.70 0.39 -0.77	60.98 0.17 -1.68	69.40 0.17 0.00	60.73 0.13 0.00	59.49 0.08 0.00	59.23 0.02 0.00
COXSACKIE___GT 23611	55.95 2.39 0.00	57.69 2.48 0.00	58.59 2.51 0.00	57.67 2.48 0.00	57.76 2.53 0.00	59.26 2.61 0.00	118.18 5.35 0.00	110.37 4.98 0.00	55.55 1.89 0.00	50.19 0.96 0.00	52.51 1.38 0.00	53.52 1.42 0.00	66.20 2.04 0.00	59.14 2.33 0.00	62.67 2.01 0.00	73.66 3.16 0.00	73.05 3.44 0.00	126.47 6.27 0.00	98.58 5.03 0.00	62.29 3.16 0.00	72.70 3.47 0.00	63.21 2.60 0.00	61.73 2.32 0.00	61.22 2.01 0.00
CPV_VALLEY___CC1 323721	55.04 1.47 0.00	56.43 1.21 0.00	57.27 1.19 0.00	56.38 1.18 0.00	56.38 1.15 0.00	57.84 1.19 0.00	115.22 2.39 0.00	107.58 2.18 0.00	54.85 1.20 0.00	50.45 1.23 0.00	52.62 1.48 0.00	53.74 1.63 0.00	65.95 1.78 0.00	58.67 1.85 0.00	62.34 1.69 0.00	71.93 1.43 0.00	71.14 1.53 0.00	123.01 2.81 0.00	95.56 2.02 0.00	60.32 1.19 0.00	70.59 1.37 0.00	61.78 1.17 0.00	60.70 1.30 0.00	60.39 1.18 0.00
CPV_VALLEY___CC2 323722	55.04 1.47 0.00	56.43 1.21 0.00	57.27 1.19 0.00	56.38 1.18 0.00	56.38 1.15 0.00	57.84 1.19 0.00	115.22 2.39 0.00	107.58 2.18 0.00	54.85 1.20 0.00	50.45 1.23 0.00	52.62 1.48 0.00	53.74 1.63 0.00	65.95 1.78 0.00	58.67 1.85 0.00	62.34 1.69 0.00	71.93 1.43 0.00	71.14 1.53 0.00	123.01 2.81 0.00	95.56 2.02 0.00	60.32 1.19 0.00	70.59 1.37 0.00	61.78 1.17 0.00	60.70 1.30 0.00	60.39 1.18 0.00
CRESCENT___HYD 24018	54.42 0.85 0.00	56.15 0.94 0.00	56.93 0.86 0.00	55.98 0.78 0.00	55.99 0.76 0.00	57.36 0.71 0.00	113.72 0.89 0.00	105.70 0.31 0.00	53.94 0.28 0.00	49.18 -0.05 0.00	51.00 -0.14 0.00	52.04 -0.06 0.00	64.07 -0.09 0.00	57.03 0.21 0.00	61.19 0.54 0.00	71.13 0.63 0.00	70.17 0.56 0.00	121.51 1.30 0.00	95.07 1.52 0.00	60.29 1.16 0.00	70.42 1.20 0.00	61.14 0.54 0.00	59.89 0.48 0.00	59.50 0.29 0.00
CRICKET___VALLEY_CC1 323756	54.67 1.11 0.00	56.04 0.82 0.00	56.84 0.77 0.00	55.94 0.74 0.00	55.93 0.70 0.00	57.36 0.71 0.00	114.17 1.34 0.00	106.56 1.17 0.00	54.41 0.75 0.00	50.06 0.84 0.00	52.26 1.12 0.00	53.40 1.29 0.00	65.43 1.27 0.00	58.26 1.45 0.00	61.90 1.24 0.00	71.33 0.82 0.00	70.55 0.95 0.00	122.02 1.82 0.00	94.83 1.29 0.00	59.87 0.74 0.00	70.04 0.82 0.00	61.30 0.70 0.00	60.27 0.86 0.00	59.91 0.70 0.00
CRICKET___VALLEY_CC2 323757	54.67 1.11 0.00	56.04 0.82 0.00	56.84 0.77 0.00	55.94 0.74 0.00	55.93 0.70 0.00	57.36 0.71 0.00	114.17 1.34 0.00	106.56 1.17 0.00	54.41 0.75 0.00	50.06 0.84 0.00	52.26 1.12 0.00	53.40 1.29 0.00	65.43 1.27 0.00	58.26 1.45 0.00	61.90 1.24 0.00	71.33 0.82 0.00	70.55 0.95 0.00	122.02 1.82 0.00	94.83 1.29 0.00	59.87 0.74 0.00	70.04 0.82 0.00	61.30 0.70 0.00	60.27 0.86 0.00	59.91 0.70 0.00
CRICKET___VALLEY_CC3 323758	54.67 1.11 0.00	56.04 0.82 0.00	56.84 0.77 0.00	55.94 0.74 0.00	55.93 0.70 0.00	57.36 0.71 0.00	114.17 1.34 0.00	106.56 1.17 0.00	54.41 0.75 0.00	50.06 0.84 0.00	52.26 1.12 0.00	53.40 1.29 0.00	65.43 1.27 0.00	58.26 1.45 0.00	61.90 1.24 0.00	71.33 0.82 0.00	70.55 0.95 0.00	122.02 1.82 0.00	94.83 1.29 0.00	59.87 0.74 0.00	70.04 0.82 0.00	61.30 0.70 0.00	60.27 0.86 0.00	59.91 0.70 0.00
CRUCIBLE_METL_DRP 24180	52.81 -0.76 0.00	54.43 -0.79 0.00	55.27 -0.81 0.00	54.43 -0.76 -0.01	54.50 -0.73 0.00	55.97 -0.68 0.00	111.55 -1.28 0.00	104.51 -1.08 -0.20	53.00 -0.66 0.00	48.49 -0.74 0.00	50.34 -0.80 0.00	51.51 -0.59 0.00	63.34 -0.82 0.00	56.16 -0.66 0.00	59.92 -0.74 0.00	69.72 -0.78 0.00	68.96 -0.75 -0.10	119.47 -1.30 -0.56	92.59 -1.08 -0.12	58.65 -0.75 -0.26	68.31 -0.91 0.00	59.85 -0.75 0.00	58.60 -0.81 0.00	58.40 -0.81 0.00
DAHOWA___HYDRO 323763	55.11 1.55 0.00	56.97 1.75 0.00	57.70 1.62 0.00	56.73 1.54 0.00	56.76 1.54 0.00	58.33 1.68 0.00	115.93 3.11 0.00	107.83 2.44 0.00	54.97 1.32 0.00	49.93 0.71 0.00	51.69 0.56 0.00	52.79 0.68 0.00	65.19 1.03 0.00	58.07 1.26 0.00	62.41 1.75 0.00	72.67 2.16 0.00	71.65 2.04 0.00	124.17 3.97 0.00	97.21 3.66 0.00	61.47 2.33 0.00	71.68 2.46 0.00	62.28 1.67 0.00	61.07 1.66 0.00	60.64 1.43 0.00
DANC___LFGE 323619	52.10 -1.46 0.00	53.95 -1.27 0.00	55.09 -0.99 0.00	54.44 -0.75 0.00	54.69 -0.54 0.00	56.26 -0.39 0.00	112.76 -0.07 0.00	105.92 0.53 0.00	53.83 0.17 0.00	48.92 -0.30 0.00	50.26 -0.87 0.00	50.79 -1.31 0.00	62.16 -2.00 0.00	54.66 -2.15 0.00	59.36 -1.30 0.00	70.22 -0.28 0.00	69.73 0.12 0.00	120.68 0.48 0.00	93.26 -0.29 0.00	58.90 -0.23 0.00	69.18 -0.04 0.00	60.28 -0.33 0.00	59.27 -0.14 0.00	59.02 -0.19 0.00
DANSKAMMER___1 23586	55.75 2.19 0.00	57.13 1.91 0.00	57.94 1.86 0.00	57.04 1.84 0.00	57.04 1.81 0.00	58.56 1.91 0.00	116.73 3.91 0.00	109.04 3.65 0.00	55.57 1.92 0.00	51.13 1.90 0.00	53.37 2.24 0.00	54.54 2.43 0.00	66.94 2.78 0.00	59.53 2.71 0.00	63.30 2.64 0.00	72.99 2.49 0.00	72.25 2.64 0.00	124.95 4.74 0.00	97.04 3.50 0.00	61.25 2.11 0.00	71.64 2.42 0.00	62.65 2.05 0.00	61.55 2.14 0.00	61.16 1.95 0.00
DANSKAMMER___2 23589	55.75 2.19 0.00	57.13 1.91 0.00	57.94 1.86 0.00	57.04 1.84 0.00	57.04 1.81 0.00	58.56 1.91 0.00	116.73 3.91 0.00	109.04 3.65 0.00	55.57 1.92 0.00	51.13 1.90 0.00	53.37 2.24 0.00	54.54 2.43 0.00	66.94 2.78 0.00	59.53 2.71 0.00	63.30 2.64 0.00	72.99 2.49 0.00	72.25 2.64 0.00	124.95 4.74 0.00	97.04 3.50 0.00	61.25 2.11 0.00	71.64 2.42 0.00	62.65 2.05 0.00	61.55 2.14 0.00	61.16 1.95 0.00
DANSKAMMER___3 23590	55.75 2.19 0.00	57.13 1.91 0.00	57.94 1.86 0.00	57.04 1.84 0.00	57.04 1.81 0.00	58.56 1.91 0.00	116.73 3.91 0.00	109.04 3.65 0.00	55.57 1.92 0.00	51.13 1.90 0.00	53.37 2.24 0.00	54.54 2.43 0.00	66.94 2.78 0.00	59.53 2.71 0.00	63.30 2.64 0.00	72.99 2.49 0.00	72.25 2.64 0.00	124.95 4.74 0.00	97.04 3.50 0.00	61.25 2.11 0.00	71.64 2.42 0.00	62.65 2.05 0.00	61.55 2.14 0.00	61.16 1.95 0.00

DANSKAMMER___4 23591	55.75 2.19 0.00	57.13 1.91 0.00	57.94 1.86 0.00	57.04 1.84 0.00	57.04 1.81 0.00	58.56 1.91 0.00	116.73 3.91 0.00	109.04 3.65 0.00	55.57 1.92 0.00	51.13 1.90 0.00	53.37 2.24 0.00	54.54 2.43 0.00	66.94 2.78 0.00	59.53 2.71 0.00	63.30 2.64 0.00	72.99 2.49 0.00	72.25 2.64 0.00	124.95 4.74 0.00	97.04 3.50 0.00	61.25 2.11 0.00	71.64 2.42 0.00	62.65 2.05 0.00	61.55 2.14 0.00	61.16 1.95 0.00
DANSKAMMER___DIESEL 23592	55.75 2.18 0.00	57.13 1.91 0.00	57.93 1.85 0.00	57.03 1.83 0.00	57.04 1.82 0.00	58.57 1.92 0.00	116.74 3.91 0.00	109.06 3.67 0.00	55.57 1.91 0.00	51.14 1.92 0.00	53.37 2.24 0.00	54.54 2.43 0.00	66.93 2.77 0.00	59.52 2.71 0.00	63.30 2.64 0.00	72.99 2.49 0.00	72.24 2.63 0.00	124.95 4.75 0.00	97.05 3.50 0.00	61.24 2.11 0.00	71.64 2.42 0.00	62.66 2.05 0.00	61.55 2.14 0.00	61.16 1.95 0.00
DARBY___SOLAR 323810	55.00 1.44 0.00	56.84 1.62 0.00	57.60 1.52 0.00	56.62 1.43 0.00	56.65 1.42 0.00	58.17 1.52 0.00	115.57 2.75 0.00	107.51 2.12 0.00	54.81 1.15 0.00	49.83 0.60 0.00	51.61 0.47 0.00	52.67 0.56 0.00	65.00 0.84 0.00	57.84 1.03 0.00	62.21 1.55 0.00	72.42 1.91 0.00	71.44 1.83 0.00	123.69 3.49 0.00	96.79 3.25 0.00	61.23 2.10 0.00	71.46 2.24 0.00	62.07 1.47 0.00	60.87 1.46 0.00	60.48 1.26 0.00
DASHVILLE___HYD 23610	55.13 1.56 0.00	56.55 1.33 0.00	57.41 1.33 0.00	56.50 1.31 0.00	56.51 1.28 0.00	57.95 1.30 0.00	115.41 2.59 0.00	107.82 2.42 0.00	54.97 1.31 0.00	50.56 1.33 0.00	52.78 1.65 0.00	53.92 1.81 0.00	66.18 2.02 0.00	58.81 2.00 0.00	62.58 1.92 0.00	72.21 1.70 0.00	71.43 1.82 0.00	123.48 3.27 0.00	95.97 2.42 0.00	60.60 1.47 0.00	70.89 1.67 0.00	62.00 1.40 0.00	60.90 1.49 0.00	60.53 1.32 0.00
DELAWARE___LFGE 323621	54.43 0.86 0.00	56.06 0.84 0.00	57.04 0.96 0.00	56.21 1.02 0.00	56.28 1.05 0.00	57.62 0.97 0.00	114.74 1.92 0.00	107.22 1.83 0.00	54.65 0.99 0.00	50.18 0.95 0.00	52.13 0.99 0.00	53.28 1.17 0.00	65.45 1.29 0.00	58.05 1.24 0.00	61.90 1.24 0.00	71.64 1.13 0.00	70.78 1.17 0.00	122.27 2.07 0.00	95.09 1.55 0.00	60.09 0.96 0.00	70.35 1.13 0.00	61.57 0.97 0.00	60.36 0.95 0.00	60.11 0.90 0.00
DERFIELD_115KV_TB7 355931	53.58 0.02 0.00	55.22 0.00 0.00	56.12 0.04 0.00	55.25 0.06 0.00	55.28 0.05 0.00	56.66 0.01 0.00	112.71 -0.11 0.00	105.19 -0.21 0.00	53.58 -0.08 0.00	49.13 -0.10 0.00	51.04 -0.10 0.00	52.06 -0.05 0.00	63.99 -0.17 0.00	56.73 -0.08 0.00	60.58 -0.08 0.00	70.41 -0.10 0.00	69.52 -0.09 0.00	120.08 -0.12 0.00	93.51 -0.04 0.00	59.13 0.00 0.00	69.21 -0.02 0.00	60.55 -0.05 0.00	59.36 -0.05 0.00	59.11 -0.10 0.00
DOGLEVILLE___HYD 23807	56.67 3.11 0.00	58.26 3.05 0.00	59.16 3.08 0.00	58.32 3.12 0.00	58.38 3.16 0.00	59.99 3.34 0.00	119.44 6.61 0.00	110.82 5.43 0.00	55.37 1.71 0.00	50.47 1.25 0.00	52.68 1.55 0.00	53.92 1.82 0.00	66.25 2.09 0.00	59.25 2.44 0.00	62.60 1.94 0.00	72.98 2.48 0.00	72.80 3.19 0.00	126.81 6.61 0.00	99.22 5.68 0.00	62.76 3.63 0.00	73.36 4.13 0.00	64.15 3.55 0.00	62.89 3.48 0.00	62.35 3.13 0.00
DUNKIRK___115KV_TB_200 55889	49.82 -3.72 0.02	51.48 -3.73 0.00	51.96 -4.12 0.00	51.43 -3.73 0.03	51.43 -3.79 0.00	53.28 -3.37 0.00	106.22 -6.60 0.00	99.51 -4.91 0.98	50.93 -2.73 0.00	47.13 -2.10 0.00	48.97 -2.17 0.00	50.20 -1.91 0.00	61.87 -2.29 0.00	54.49 -2.33 0.00	57.33 -3.33 0.00	67.12 -3.38 0.00	65.21 -3.74 0.66	110.16 -6.44 3.60	87.68 -5.09 0.78	53.90 -3.53 1.71	65.31 -3.91 0.00	57.75 -2.86 0.00	56.69 -2.72 0.00	56.63 -2.58 0.00
DUNKIRK___1 23563	49.82 -3.72 0.02	51.48 -3.73 0.00	51.96 -4.12 0.00	51.43 -3.73 0.03	51.43 -3.79 0.00	53.28 -3.37 0.00	106.22 -6.60 0.00	99.51 -4.91 0.98	50.93 -2.73 0.00	47.13 -2.10 0.00	48.97 -2.17 0.00	50.20 -1.91 0.00	61.87 -2.29 0.00	54.49 -2.33 0.00	57.33 -3.33 0.00	67.12 -3.38 0.00	65.21 -3.74 0.66	110.16 -6.44 3.60	87.68 -5.09 0.78	53.90 -3.53 1.71	65.31 -3.91 0.00	57.75 -2.86 0.00	56.69 -2.72 0.00	56.63 -2.58 0.00
DUNKIRK___2 23564	49.82 -3.72 0.02	51.48 -3.73 0.00	51.96 -4.12 0.00	51.43 -3.73 0.03	51.43 -3.79 0.00	53.28 -3.37 0.00	106.22 -6.60 0.00	99.51 -4.91 0.98	50.93 -2.73 0.00	47.13 -2.10 0.00	48.97 -2.17 0.00	50.20 -1.91 0.00	61.87 -2.29 0.00	54.49 -2.33 0.00	57.33 -3.33 0.00	67.12 -3.38 0.00	65.21 -3.74 0.66	110.16 -6.44 3.60	87.68 -5.09 0.78	53.90 -3.53 1.71	65.31 -3.91 0.00	57.75 -2.86 0.00	56.69 -2.72 0.00	56.63 -2.58 0.00
DUNKIRK___3 23565	49.82 -3.72 0.02	51.43 -3.79 0.00	51.93 -4.14 0.00	51.35 -3.81 0.03	51.37 -3.85 0.00	53.15 -3.50 0.00	105.72 -7.10 0.00	98.94 -5.49 0.97	50.71 -2.94 0.00	46.94 -2.29 0.00	48.75 -2.39 0.00	50.01 -2.10 0.00	61.62 -2.54 0.00	54.26 -2.55 0.00	57.11 -3.54 0.00	66.81 -3.69 0.00	64.93 -4.03 0.65	109.72 -6.97 3.51	87.22 -5.56 0.76	53.65 -3.82 1.66	64.93 -4.29 0.00	57.44 -3.16 0.00	56.40 -3.01 0.00	56.36 -2.86 0.00
DUNKIRK___4 23566	49.82 -3.72 0.02	51.43 -3.79 0.00	51.93 -4.14 0.00	51.35 -3.81 0.03	51.37 -3.85 0.00	53.15 -3.50 0.00	105.72 -7.10 0.00	98.94 -5.49 0.97	50.71 -2.94 0.00	46.94 -2.29 0.00	48.75 -2.39 0.00	50.01 -2.10 0.00	61.62 -2.54 0.00	54.26 -2.55 0.00	57.11 -3.54 0.00	66.81 -3.69 0.00	64.93 -4.03 0.65	109.72 -6.97 3.51	87.22 -5.56 0.76	53.65 -3.82 1.66	64.93 -4.29 0.00	57.44 -3.16 0.00	56.40 -3.01 0.00	56.36 -2.86 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	55.62 2.06 0.00	56.92 1.70 0.00	57.68 1.60 0.00	56.76 1.57 0.00	56.74 1.51 0.00	58.24 1.59 0.00	116.06 3.24 0.00	108.42 3.03 0.00	55.37 1.71 0.00	51.03 1.80 0.00	53.32 2.18 0.00	54.51 2.40 0.00	66.77 2.60 0.00	59.43 2.62 0.00	63.06 2.41 0.00	72.58 2.08 0.00	71.87 2.26 0.00	124.35 4.15 0.00	96.52 2.97 0.00	60.88 1.75 0.00	71.22 1.99 0.00	62.35 1.74 0.00	61.34 1.93 0.00	60.96 1.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	55.50 1.93 0.00	56.86 1.64 0.00	57.68 1.60 0.00	56.77 1.58 0.00	56.78 1.56 0.00	58.29 1.64 0.00	116.17 3.34 0.00	108.53 3.13 0.00	55.30 1.64 0.00	50.89 1.67 0.00	53.10 1.97 0.00	54.23 2.12 0.00	66.57 2.41 0.00	59.21 2.40 0.00	62.95 2.29 0.00	72.59 2.08 0.00	71.84 2.24 0.00	124.25 4.04 0.00	96.50 2.95 0.00	60.88 1.75 0.00	71.23 2.01 0.00	62.32 1.72 0.00	61.25 1.84 0.00	60.90 1.69 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	55.47 1.91 0.00	56.74 1.52 0.00	57.47 1.40 0.00	56.55 1.36 0.00	56.53 1.30 0.00	58.09 1.44 0.00	115.89 3.07 0.00	108.36 2.96 0.00	55.41 1.75 0.00	51.10 1.87 0.00	53.36 2.22 0.00	54.50 2.39 0.00	66.63 2.47 0.00	59.33 2.52 0.00	62.94 2.28 0.00	72.44 1.94 0.00	71.76 2.16 0.00	124.11 3.90 0.00	96.24 2.69 0.00	60.71 1.57 0.00	71.05 1.83 0.00	62.30 1.70 0.00	61.24 1.83 0.00	60.90 1.69 0.00

E179THST_13_KV_LOAD 356214	55.69 2.12 0.00	56.96 1.74 0.00	57.70 1.62 0.00	56.76 1.56 0.00	56.73 1.50 0.00	58.32 1.67 0.00	116.41 3.58 0.00	108.86 3.46 0.00	55.66 2.01 0.00	51.33 2.11 0.00	53.61 2.48 0.00	54.76 2.65 0.00	66.96 2.80 0.00	59.61 2.80 0.00	63.24 2.58 0.00	72.79 2.28 0.00	72.11 2.50 0.00	124.72 4.51 0.00	96.71 3.17 0.00	61.00 1.87 0.00	71.39 2.16 0.00	62.59 1.98 0.00	61.53 2.12 0.00	61.15 1.94 0.00
EAST HAMPTON___GT 23717	54.12 0.55 0.00	55.37 0.15 0.00	56.09 0.02 0.00	55.16 -0.04 0.00	54.97 -0.26 0.00	59.22 0.11 -2.46	101.11 -0.62 11.10	89.46 -0.77 15.16	33.42 -0.38 19.86	36.30 -0.14 12.79	50.99 0.93 1.07	54.13 2.03 0.00	68.00 1.81 -2.04	60.85 2.56 -1.47	72.95 2.16 -10.13	81.75 1.38 -9.87	84.69 2.05 -13.03	147.41 6.78 -20.43	112.97 4.23 -15.20	69.82 1.65 -9.04	82.99 2.24 -11.52	72.00 0.93 -10.46	69.57 1.97 -8.20	65.26 0.96 -5.08
EAST RIVER___6 23660	55.67 2.10 0.00	56.89 1.68 0.00	57.59 1.51 0.00	56.68 1.49 0.00	56.66 1.44 0.00	58.18 1.53 0.00	116.23 3.41 0.00	108.72 3.33 0.00	55.60 1.95 0.00	51.28 2.05 0.00	53.61 2.47 0.00	54.79 2.69 0.00	67.08 2.92 0.00	59.71 2.90 0.00	63.32 2.66 0.00	72.82 2.32 0.00	72.16 2.55 0.00	124.76 4.55 0.00	96.75 3.20 0.00	60.97 1.83 0.00	71.33 2.11 0.00	62.49 1.88 0.00	61.56 2.15 0.00	61.12 1.91 0.00
EAST RIVER___7 23524	55.67 2.10 0.00	56.89 1.68 0.00	57.59 1.51 0.00	56.68 1.49 0.00	56.66 1.44 0.00	58.18 1.53 0.00	116.23 3.41 0.00	108.72 3.33 0.00	55.60 1.95 0.00	51.28 2.05 0.00	53.61 2.47 0.00	54.79 2.69 0.00	67.08 2.92 0.00	59.71 2.90 0.00	63.32 2.66 0.00	72.82 2.32 0.00	72.16 2.55 0.00	124.76 4.55 0.00	96.75 3.20 0.00	60.97 1.83 0.00	71.33 2.11 0.00	62.49 1.88 0.00	61.56 2.15 0.00	61.12 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	55.51 1.94 0.00	56.80 1.58 0.00	57.57 1.49 0.00	56.66 1.47 0.00	56.65 1.42 0.00	58.15 1.50 0.00	115.90 3.07 0.00	108.25 2.85 0.00	55.26 1.60 0.00	50.89 1.67 0.00	53.16 2.02 0.00	54.33 2.22 0.00	66.56 2.40 0.00	59.26 2.44 0.00	62.89 2.23 0.00	72.41 1.90 0.00	71.68 2.08 0.00	123.99 3.78 0.00	96.24 2.70 0.00	60.72 1.59 0.00	71.05 1.83 0.00	62.18 1.57 0.00	61.17 1.75 0.00	60.80 1.59 0.00
EAST_HAMPTON___DIESEL 23722	53.93 0.37 0.00	55.18 -0.04 0.00	55.91 -0.17 0.00	54.97 -0.23 0.00	54.79 -0.43 0.00	59.05 -0.06 -2.46	100.77 -0.96 11.10	89.13 -1.11 15.16	33.24 -0.56 19.86	36.14 -0.30 12.79	50.84 0.77 1.07	54.04 1.93 0.00	67.89 1.70 -2.04	60.77 2.48 -1.47	72.84 2.05 -10.13	81.60 1.22 -9.87	84.51 1.87 -13.03	147.21 6.58 -20.43	112.80 4.05 -15.20	69.68 1.51 -9.04	82.84 2.10 -11.52	71.83 0.77 -10.46	69.43 1.82 -8.20	65.10 0.80 -5.08
EAST_POINT___SOLAR 323840	54.83 1.27 0.00	56.44 1.23 0.00	57.36 1.28 0.00	56.42 1.23 0.00	56.56 1.33 0.00	58.21 1.56 0.00	116.24 3.41 0.00	109.03 3.64 0.00	54.55 0.89 0.00	49.91 0.68 0.00	51.73 0.59 0.00	53.45 1.34 0.00	65.28 1.12 0.00	57.83 1.02 0.00	60.91 0.25 0.00	71.86 1.36 0.00	71.68 2.07 0.00	124.49 4.29 0.00	96.77 3.22 0.00	61.05 1.92 0.00	71.38 2.16 0.00	62.72 2.12 0.00	61.36 1.95 0.00	61.11 1.89 0.00
EAST_PULASKI___ESR 323781	52.05 -1.52 0.00	53.73 -1.49 0.00	54.65 -1.43 0.00	53.88 -1.31 0.00	54.00 -1.23 0.00	55.47 -1.18 0.00	110.78 -2.05 0.00	103.75 -1.65 0.00	52.78 -0.87 0.00	48.23 -1.00 0.00	49.80 -1.34 0.00	50.58 -1.53 0.00	62.13 -2.03 0.00	54.89 -1.92 0.00	59.03 -1.62 0.00	69.18 -1.32 0.00	68.51 -1.10 0.00	118.48 -1.72 0.00	91.94 -1.61 0.00	58.08 -1.05 0.00	68.06 -1.17 0.00	59.46 -1.15 0.00	58.32 -1.09 0.00	58.07 -1.15 0.00
EAST_RIVER___1 323558	55.70 2.13 0.00	56.92 1.70 0.00	57.64 1.56 0.00	56.73 1.54 0.00	56.71 1.48 0.00	58.24 1.59 0.00	116.25 3.42 0.00	108.62 3.22 0.00	55.53 1.87 0.00	51.23 2.00 0.00	53.56 2.42 0.00	54.74 2.63 0.00	66.98 2.82 0.00	59.64 2.83 0.00	63.23 2.57 0.00	72.73 2.23 0.00	72.05 2.44 0.00	124.60 4.39 0.00	96.66 3.11 0.00	60.94 1.80 0.00	71.27 2.05 0.00	62.43 1.82 0.00	61.45 2.04 0.00	61.05 1.84 0.00
EAST_RIVER___2 323559	55.67 2.10 0.00	56.89 1.68 0.00	57.59 1.51 0.00	56.68 1.49 0.00	56.66 1.44 0.00	58.18 1.53 0.00	116.23 3.41 0.00	108.72 3.33 0.00	55.60 1.95 0.00	51.28 2.05 0.00	53.61 2.47 0.00	54.79 2.69 0.00	67.08 2.92 0.00	59.71 2.90 0.00	63.32 2.66 0.00	72.82 2.32 0.00	72.16 2.55 0.00	124.76 4.55 0.00	96.75 3.20 0.00	60.97 1.83 0.00	71.33 2.11 0.00	62.49 1.88 0.00	61.56 2.15 0.00	61.12 1.91 0.00
EAST___DELAWARE_HYD 23607	54.42 0.86 0.00	55.80 0.58 0.00	56.65 0.57 0.00	55.78 0.59 0.00	55.80 0.57 0.00	57.30 0.65 0.00	114.34 1.52 0.00	106.85 1.45 0.00	54.53 0.87 0.00	50.41 1.19 0.00	52.48 1.34 0.00	53.64 1.54 0.00	65.83 1.67 0.00	58.61 1.79 0.00	62.39 1.73 0.00	71.97 1.47 0.00	71.28 1.68 0.00	123.30 3.10 0.00	95.79 2.25 0.00	60.45 1.31 0.00	70.70 1.48 0.00	61.83 1.23 0.00	60.72 1.31 0.00	60.30 1.09 0.00
EIGHT_POINT___WT_PWR 323820	48.14 -5.37 0.06	49.58 -5.64 0.00	50.26 -5.82 0.00	49.41 -5.68 0.10	49.86 -5.37 0.00	51.28 -5.37 0.00	101.73 -11.09 0.01	93.98 -8.48 2.93	49.80 -3.85 0.00	46.09 -3.13 0.00	47.29 -3.85 0.00	48.04 -4.07 0.00	59.59 -4.57 0.00	52.83 -3.98 0.00	56.40 -4.26 0.00	66.72 -3.79 0.00	64.15 -3.87 1.59	104.35 -7.19 8.66	86.35 -5.33 1.87	51.67 -3.36 4.10	65.65 -3.57 0.00	57.95 -2.65 0.00	57.02 -2.39 0.00	57.16 -2.05 0.00
ELBRIDGE_115KV_TB2 80188	52.56 -1.01 0.00	54.18 -1.04 0.00	54.99 -1.09 0.00	54.16 -1.04 -0.01	54.22 -1.01 0.00	55.68 -0.97 0.00	110.94 -1.89 0.00	103.99 -1.63 -0.23	52.72 -0.94 0.00	48.19 -1.03 0.00	50.06 -1.08 0.00	51.23 -0.87 0.00	62.97 -1.19 0.00	55.82 -0.99 0.00	59.58 -1.08 0.00	69.31 -1.19 0.00	68.56 -1.17 -0.11	118.74 -2.09 -0.62	92.04 -1.64 -0.13	58.32 -1.11 -0.30	67.89 -1.34 0.00	59.50 -1.10 0.00	58.29 -1.12 0.00	58.09 -1.13 0.00
ELEC_TRO_TEK 24086	55.66 2.09 0.00	56.96 1.75 0.00	57.69 1.61 0.00	56.75 1.56 0.00	56.54 1.31 0.00	58.02 1.37 0.00	111.11 2.40 4.12	103.18 2.25 4.46	51.25 1.35 3.76	48.17 1.51 2.57	53.09 2.12 0.17	54.46 2.35 0.00	66.55 2.39 0.00	59.48 2.67 0.00	62.96 2.30 0.00	72.33 1.83 0.00	75.70 2.22 -3.87	124.38 4.18 0.00	96.49 2.94 0.00	60.92 1.78 0.00	71.26 2.04 0.00	75.61 1.82 -13.18	103.54 2.30 -41.83	81.70 1.99 -20.50
ELLENBURG_WT_PWR 323604	54.17 0.61 0.00	55.85 0.63 0.00	56.72 0.64 0.00	55.77 0.58 0.00	55.90 0.67 0.00	57.43 0.78 0.00	115.15 2.32 0.00	107.90 2.50 0.00	54.90 1.24 0.00	50.34 1.12 0.00	52.16 1.03 0.00	53.05 0.94 0.00	65.53 1.37 0.00	57.79 0.97 0.00	61.61 0.95 0.00	71.91 1.41 0.00	70.88 1.27 0.00	122.19 1.98 0.00	95.13 1.58 0.00	60.08 0.95 0.00	70.41 1.19 0.00	61.77 1.17 0.00	60.72 1.31 0.00	60.88 1.67 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.91 -3.63 0.02	51.45 -3.77 0.00	51.98 -4.10 0.00	51.26 -3.91 0.03	51.28 -3.95 0.00	53.01 -3.64 0.00	105.11 -7.72 0.00	98.31 -6.20 0.89	50.52 -3.14 0.00	46.65 -2.58 0.00	48.46 -2.67 0.00	49.70 -2.41 0.00	61.23 -2.93 0.00	53.86 -2.95 0.00	56.77 -3.89 0.00	66.57 -3.94 0.00	64.89 -4.13 0.59	109.78 -7.23 3.20	86.85 -6.00 0.69	53.47 -4.16 1.51	64.35 -4.88 0.00	57.10 -3.51 0.00	56.02 -3.39 0.00	56.08 -3.14 0.00
EMPIRE_CC_1 323656	53.81 0.25 0.00	55.54 0.32 0.00	56.29 0.21 0.00	55.35 0.16 0.00	55.35 0.12 0.00	56.58 -0.07 0.00	111.98 -0.85 0.00	104.02 -1.37 0.00	53.11 -0.55 0.00	48.47 -0.75 0.00	50.30 -0.83 0.00	51.35 -0.76 0.00	63.10 -1.06 0.00	56.19 -0.62 0.00	60.27 -0.39 0.00	69.98 -0.52 0.00	69.00 -0.61 0.00	119.25 -0.96 0.00	93.31 -0.24 0.00	59.29 0.16 0.00	69.30 0.07 0.00	60.23 -0.37 0.00	58.98 -0.43 0.00	58.62 -0.60 0.00
EMPIRE_CC_2 323658	53.81 0.25 0.00	55.54 0.32 0.00	56.29 0.21 0.00	55.35 0.16 0.00	55.35 0.12 0.00	56.58 -0.07 0.00	111.98 -0.85 0.00	104.02 -1.37 0.00	53.11 -0.55 0.00	48.47 -0.75 0.00	50.30 -0.83 0.00	51.35 -0.76 0.00	63.10 -1.06 0.00	56.19 -0.62 0.00	60.27 -0.39 0.00	69.98 -0.52 0.00	69.00 -0.61 0.00	119.25 -0.96 0.00	93.31 -0.24 0.00	59.29 0.16 0.00	69.30 0.07 0.00	60.23 -0.37 0.00	58.98 -0.43 0.00	58.62 -0.60 0.00
ENORWICH_115KV_TB1 80156	54.98 1.39 -0.02	56.72 1.50 0.00	57.63 1.55 0.00	57.27 2.04 -0.04	57.50 2.28 0.00	59.13 2.48 0.00	118.98 6.16 0.00	113.68 6.64 -1.64	56.71 3.05 0.00	51.54 2.31 0.00	52.54 1.41 0.00	54.04 1.93 0.00	66.39 2.23 0.00	58.90 2.08 0.00	63.36 2.70 0.00	73.59 3.09 0.00	74.24 3.86 -0.78	131.83 7.39 -4.23	100.01 5.55 -0.91	64.23 3.10 -2.00	72.66 3.44 0.00	63.38 2.78 0.00	62.05 2.64 0.00	61.93 2.71 0.00
ERIE_ST__34_KV_TB1-2 80199	50.33 -3.22 0.02	51.79 -3.43 0.00	52.36 -3.72 0.00	51.64 -3.52 0.03	51.69 -3.54 0.00	53.42 -3.23 0.00	105.95 -6.87 0.00	99.07 -5.36 0.97	50.96 -2.69 0.00	47.10 -2.13 0.00	48.89 -2.25 0.00	50.20 -1.91 0.00	61.82 -2.35 0.00	54.41 -2.40 0.00	57.34 -3.31 0.00	67.19 -3.32 0.00	65.40 -3.56 0.64	110.54 -6.16 3.51	87.66 -5.13 0.76	53.86 -3.61 1.66	65.00 -4.22 0.00	57.57 -3.03 0.00	56.49 -2.92 0.00	56.45 -2.77 0.00
ERIE_WT_PWR 323693	50.12 -3.43 0.02	51.63 -3.59 0.00	52.19 -3.89 0.00	51.47 -3.70 0.03	51.44 -3.79 0.00	53.25 -3.40 0.00	105.71 -7.11 0.00	98.83 -5.61 0.96	50.78 -2.88 0.00	46.93 -2.30 0.00	48.68 -2.45 0.00	49.93 -2.18 0.00	61.55 -2.61 0.00	54.07 -2.74 0.00	57.05 -3.61 0.00	66.99 -3.51 0.00	65.26 -3.71 0.64	110.20 -6.53 3.47	87.30 -5.50 0.75	53.69 -3.79 1.64	64.79 -4.43 0.00	57.45 -3.15 0.00	56.36 -3.05 0.00	56.35 -2.86 0.00
ESPRGFLD_115KV_TB1 80157	53.75 0.18 0.00	55.29 0.07 0.00	56.30 0.22 0.00	55.48 0.29 0.00	55.64 0.41 0.00	57.12 0.47 0.00	114.05 1.22 0.00	107.28 1.89 0.00	54.73 1.07 0.00	50.22 0.99 0.00	52.05 0.91 0.00	53.35 1.25 0.00	65.35 1.19 0.00	57.61 0.80 0.00	61.24 0.58 0.00	71.10 0.60 0.00	70.45 0.84 0.00	122.09 1.88 0.00	94.68 1.14 0.00	59.71 0.57 0.00	69.90 0.67 0.00	61.47 0.87 0.00	60.21 0.80 0.00	60.08 0.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	53.80 0.17 -0.06	55.33 0.11 0.00	56.16 0.08 0.00	55.49 0.19 -0.10	55.47 0.24 0.00	57.00 0.35 0.00	113.75 0.92 -0.01	111.12 1.77 -3.97	54.30 0.63 0.00	49.40 0.18 0.00	51.03 -0.10 0.00	52.45 0.34 0.00	64.50 0.34 0.00	57.08 0.27 0.00	61.00 0.34 0.00	71.01 0.50 0.00	72.18 0.66 -1.91	131.80 1.21 -10.39	96.76 0.97 -2.25	64.53 0.48 -4.92	69.73 0.51 0.00	61.07 0.46 0.00	59.77 0.36 0.00	59.53 0.32 0.00
ETNA____115KV_TB2 80207	53.80 0.17 -0.06	55.33 0.11 0.00	56.16 0.08 0.00	55.49 0.19 -0.10	55.47 0.24 0.00	57.00 0.35 0.00	113.75 0.92 -0.01	111.12 1.77 -3.97	54.30 0.63 0.00	49.40 0.18 0.00	51.03 -0.10 0.00	52.45 0.34 0.00	64.50 0.34 0.00	57.08 0.27 0.00	61.00 0.34 0.00	71.01 0.50 0.00	72.18 0.66 -1.91	131.80 1.21 -10.39	96.76 0.97 -2.25	64.53 0.48 -4.92	69.73 0.51 0.00	61.07 0.46 0.00	59.77 0.36 0.00	59.53 0.32 0.00
EUCLID___115KV_TB2 356179	52.25 -1.32 0.00	53.87 -1.35 0.00	54.70 -1.38 0.00	53.86 -1.33 0.00	53.90 -1.33 0.00	55.31 -1.34 0.00	110.15 -2.67 0.00	103.03 -2.36 0.00	52.42 -1.24 0.00	48.02 -1.20 0.00	49.88 -1.26 0.00	50.95 -1.16 0.00	62.67 -1.49 0.00	55.54 -1.27 0.00	59.24 -1.42 0.00	68.93 -1.58 0.00	68.08 -1.53 0.00	117.57 -2.63 0.00	91.43 -2.11 0.00	57.72 -1.41 0.00	67.53 -1.69 0.00	59.15 -1.46 0.00	57.95 -1.46 0.00	57.78 -1.43 0.00
E_CANADA_CAP_HY 24051	53.47 -0.10 0.00	55.01 -0.21 0.00	55.95 -0.13 0.00	55.04 -0.15 0.00	55.19 -0.04 0.00	56.74 0.09 0.00	113.03 0.20 0.00	106.22 0.83 0.00	53.93 0.28 0.00	49.39 0.17 0.00	51.26 0.12 0.00	52.60 0.50 0.00	64.37 0.21 0.00	56.69 -0.12 0.00	60.13 -0.52 0.00	70.17 -0.34 0.00	69.58 -0.04 0.00	120.80 0.60 0.00	93.75 0.20 0.00	59.15 0.01 0.00	69.21 -0.01 0.00	61.10 0.50 0.00	59.87 0.46 0.00	59.72 0.51 0.00
E_CANADA_MHWK_HY 24050	56.67 3.10 0.00	58.26 3.05 0.00	59.16 3.08 0.00	58.32 3.12 0.00	58.38 3.15 0.00	59.99 3.34 0.00	119.44 6.61 0.00	110.82 5.43 0.00	55.37 1.71 0.00	50.47 1.24 0.00	52.68 1.55 0.00	53.92 1.81 0.00	66.25 2.09 0.00	59.25 2.44 0.00	62.60 1.94 0.00	72.98 2.47 0.00	72.80 3.19 0.00	126.81 6.61 0.00	99.23 5.68 0.00	62.76 3.63 0.00	73.36 4.14 0.00	64.14 3.54 0.00	62.89 3.48 0.00	62.35 3.13 0.00
E_FISHKILL___LBMP 23776	55.14 1.58 0.00	56.51 1.29 0.00	57.32 1.24 0.00	56.41 1.22 0.00	56.40 1.17 0.00	57.84 1.19 0.00	115.20 2.37 0.00	107.57 2.18 0.00	54.89 1.23 0.00	50.53 1.30 0.00	52.73 1.59 0.00	53.88 1.78 0.00	66.05 1.89 0.00	58.79 1.97 0.00	62.45 1.79 0.00	71.97 1.47 0.00	71.22 1.61 0.00	123.17 2.97 0.00	95.68 2.13 0.00	60.41 1.28 0.00	70.68 1.45 0.00	61.84 1.24 0.00	60.80 1.39 0.00	60.44 1.23 0.00
FALCON___SEABRD_CC1 323796	54.58 1.02 0.00	56.19 0.98 0.00	57.02 0.94 0.00	55.95 0.75 0.00	55.97 0.74 0.00	57.25 0.60 0.00	115.24 2.41 0.00	108.03 2.64 0.00	54.96 1.30 0.00	50.41 1.18 0.00	52.21 1.08 0.00	53.10 0.99 0.00	65.66 1.50 0.00	57.86 1.05 0.00	61.41 0.75 0.00	71.71 1.21 0.00	70.70 1.09 0.00	121.90 1.70 0.00	95.00 1.45 0.00	59.92 0.79 0.00	70.20 0.98 0.00	61.63 1.03 0.00	60.84 1.43 0.00	61.29 2.07 0.00
FALCON___SEABRD_CC2 323797	54.58 1.02 0.00	56.19 0.98 0.00	57.02 0.94 0.00	55.95 0.75 0.00	55.97 0.74 0.00	57.25 0.60 0.00	115.24 2.41 0.00	108.03 2.64 0.00	54.96 1.30 0.00	50.41 1.18 0.00	52.21 1.08 0.00	53.10 0.99 0.00	65.66 1.50 0.00	57.86 1.05 0.00	61.41 0.75 0.00	71.71 1.21 0.00	70.70 1.09 0.00	121.90 1.70 0.00	95.00 1.45 0.00	59.92 0.79 0.00	70.20 0.98 0.00	61.63 1.03 0.00	60.84 1.43 0.00	61.29 2.07 0.00

FAR ROCKAWAY___4 23548	56.35 2.78 0.00	57.65 2.44 0.00	58.35 2.27 0.00	57.38 2.19 0.00	57.14 1.91 0.00	58.68 2.03 0.00	116.49 3.66 0.00	108.77 3.38 0.00	55.51 1.86 0.00	51.22 2.00 0.00	53.88 2.74 0.00	55.17 3.06 0.00	67.44 3.28 0.00	60.34 3.52 0.00	63.82 3.16 0.00	73.34 2.84 0.00	76.42 3.21 -3.60	126.00 5.79 0.00	97.79 4.24 0.00	61.73 2.59 0.00	72.25 3.03 0.00	88.57 2.67 -25.29	153.30 3.14 -90.75	112.94 2.77 -50.95
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	55.70 2.14 0.00	56.94 1.72 0.00	57.65 1.58 0.00	56.75 1.56 0.00	56.73 1.50 0.00	58.28 1.64 0.00	116.28 3.45 0.00	108.65 3.26 0.00	55.54 1.88 0.00	51.25 2.02 0.00	53.57 2.43 0.00	54.75 2.64 0.00	66.97 2.81 0.00	59.63 2.82 0.00	63.23 2.57 0.00	72.73 2.22 0.00	72.05 2.45 0.00	124.61 4.40 0.00	96.68 3.13 0.00	60.95 1.81 0.00	71.28 2.06 0.00	62.44 1.84 0.00	61.45 2.04 0.00	61.06 1.84 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	55.72 2.16 0.00	56.95 1.74 0.00	57.67 1.59 0.00	56.76 1.57 0.00	56.75 1.52 0.00	58.28 1.64 0.00	116.29 3.47 0.00	108.67 3.28 0.00	55.54 1.89 0.00	51.25 2.03 0.00	53.57 2.43 0.00	54.75 2.64 0.00	66.97 2.81 0.00	59.65 2.83 0.00	63.23 2.57 0.00	72.73 2.23 0.00	72.05 2.45 0.00	124.62 4.41 0.00	96.68 3.14 0.00	60.96 1.82 0.00	71.29 2.07 0.00	62.45 1.85 0.00	61.46 2.05 0.00	61.09 1.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	55.68 2.11 0.00	56.91 1.69 0.00	57.63 1.56 0.00	56.73 1.53 0.00	56.71 1.48 0.00	58.24 1.59 0.00	116.21 3.39 0.00	108.62 3.22 0.00	55.52 1.86 0.00	51.22 1.99 0.00	53.53 2.39 0.00	54.70 2.59 0.00	66.94 2.78 0.00	59.60 2.79 0.00	63.19 2.53 0.00	72.69 2.19 0.00	72.00 2.39 0.00	124.54 4.34 0.00	96.60 3.06 0.00	60.90 1.77 0.00	71.23 2.01 0.00	62.39 1.78 0.00	61.42 2.01 0.00	61.04 1.83 0.00
FARRAGUT___LBMP 323566	55.64 2.08 0.00	56.87 1.66 0.00	57.59 1.51 0.00	56.69 1.49 0.00	56.67 1.44 0.00	58.21 1.56 0.00	116.16 3.33 0.00	108.53 3.13 0.00	55.46 1.81 0.00	51.17 1.95 0.00	53.48 2.34 0.00	54.65 2.54 0.00	66.88 2.72 0.00	59.55 2.73 0.00	63.13 2.47 0.00	72.63 2.12 0.00	71.94 2.33 0.00	124.44 4.24 0.00	96.54 2.99 0.00	60.86 1.73 0.00	71.19 1.97 0.00	62.35 1.75 0.00	61.38 1.97 0.00	60.99 1.78 0.00
FENNER___WINDPWR 24204	54.11 0.53 -0.01	55.86 0.64 0.00	56.81 0.73 0.00	55.99 0.78 -0.02	56.08 0.85 0.00	57.66 1.01 0.00	115.06 2.23 0.00	108.09 2.17 -0.52	54.70 1.04 0.00	50.10 0.87 0.00	51.88 0.74 0.00	52.89 0.78 0.00	64.87 0.71 0.00	57.54 0.73 0.00	61.50 0.84 0.00	71.73 1.22 0.00	71.33 1.35 -0.38	124.55 2.30 -2.05	95.71 1.72 -0.44	61.11 1.00 -0.97	70.38 1.16 0.00	61.54 0.94 0.00	60.27 0.85 0.00	59.98 0.76 0.00
FIBERTEK___ENERGY 23856	52.81 -0.76 0.00	54.43 -0.79 0.00	55.27 -0.81 0.00	54.43 -0.76 -0.01	54.50 -0.73 0.00	55.97 -0.68 0.00	111.55 -1.28 0.00	104.51 -1.08 -0.20	53.00 -0.66 0.00	48.49 -0.74 0.00	50.34 -0.80 0.00	51.51 -0.59 0.00	63.34 -0.82 0.00	56.16 -0.66 0.00	59.92 -0.74 0.00	69.72 -0.78 0.00	68.96 -0.75 -0.10	119.47 -1.30 -0.56	92.59 -1.08 -0.12	58.65 -0.75 -0.26	68.31 -0.91 0.00	59.85 -0.75 0.00	58.60 -0.81 0.00	58.40 -0.81 0.00
FITZPATRICK___ 23598	51.68 -1.89 0.00	53.27 -1.95 0.00	54.07 -2.01 0.00	53.22 -1.98 0.00	53.27 -1.96 0.00	54.67 -1.98 0.00	108.88 -3.95 0.00	101.77 -3.62 0.00	51.79 -1.87 0.00	47.46 -1.76 0.00	49.28 -1.86 0.00	50.30 -1.81 0.00	61.89 -2.27 0.00	54.83 -1.99 0.00	58.48 -2.18 0.00	68.04 -2.46 0.00	67.21 -2.40 0.00	116.03 -4.18 0.00	90.29 -3.26 0.00	57.02 -2.11 0.00	66.71 -2.51 0.00	58.44 -2.16 0.00	57.27 -2.15 0.00	57.10 -2.12 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	55.84 2.27 0.00	57.22 2.01 0.00	58.03 1.95 0.00	57.12 1.93 0.00	57.14 1.91 0.00	58.65 2.00 0.00	116.94 4.12 0.00	109.25 3.86 0.00	55.67 2.02 0.00	51.23 2.00 0.00	53.47 2.34 0.00	54.66 2.55 0.00	67.06 2.90 0.00	59.65 2.84 0.00	63.42 2.76 0.00	73.14 2.64 0.00	72.39 2.78 0.00	125.19 4.99 0.00	97.23 3.69 0.00	61.36 2.23 0.00	71.78 2.55 0.00	62.77 2.17 0.00	61.67 2.26 0.00	61.27 2.06 0.00
FORT ORANGE___ 23900	54.18 0.61 0.00	55.87 0.65 0.00	56.70 0.62 0.00	55.78 0.59 0.00	55.81 0.59 0.00	57.13 0.48 0.00	113.44 0.61 0.00	105.53 0.14 0.00	53.49 -0.17 0.00	48.85 -0.37 0.00	50.74 -0.40 0.00	51.78 -0.33 0.00	63.68 -0.48 0.00	56.75 -0.06 0.00	60.63 -0.03 0.00	70.51 0.00 0.00	69.64 0.03 0.00	120.41 0.20 0.00	94.01 0.46 0.00	59.57 0.44 0.00	69.62 0.40 0.00	60.62 0.02 0.00	59.35 -0.06 0.00	58.97 -0.24 0.00
FORT_DRUM_COGEN 23780	52.77 -0.80 0.00	54.72 -0.50 0.00	55.99 -0.09 0.00	55.43 0.23 0.00	55.76 0.53 0.00	57.48 0.84 0.00	115.61 2.78 0.00	108.85 3.45 0.00	55.31 1.65 0.00	49.96 0.74 0.00	51.12 -0.02 0.00	51.47 -0.64 0.00	62.83 -1.33 0.00	54.90 -1.91 0.00	60.19 -0.46 0.00	71.78 1.28 0.00	71.45 1.84 0.00	123.77 3.56 0.00	95.41 1.87 0.00	60.25 1.12 0.00	70.94 1.72 0.00	61.68 1.08 0.00	60.71 1.30 0.00	60.43 1.22 0.00
FOX_HILLS___ESR 323835	55.67 2.10 0.00	56.83 1.61 0.00	57.55 1.47 0.00	56.67 1.48 0.00	56.67 1.45 0.00	58.22 1.57 0.00	116.06 3.24 0.00	108.66 3.27 0.00	55.54 1.88 0.00	51.26 2.03 0.00	53.52 2.39 0.00	54.59 2.49 0.00	66.53 2.37 0.00	59.39 2.57 0.00	62.95 2.29 0.00	72.40 1.89 0.00	71.72 2.11 0.00	124.27 4.07 0.00	96.35 2.81 0.00	60.78 1.64 0.00	71.09 1.87 0.00	62.33 1.73 0.00	61.25 1.84 0.00	61.01 1.79 0.00
FPL_FAR_ROCK_GT1 24212	56.35 2.78 0.00	57.65 2.43 0.00	58.35 2.27 0.00	57.38 2.19 0.00	57.14 1.91 0.00	58.68 2.03 0.00	116.41 3.58 0.00	108.65 3.26 0.00	55.45 1.80 0.00	51.18 1.95 0.00	53.88 2.74 0.00	55.17 3.06 0.00	67.44 3.27 0.00	60.34 3.53 0.00	63.83 3.17 0.00	73.34 2.84 0.00	76.42 3.21 -3.60	126.00 5.79 0.00	97.79 4.24 0.00	61.73 2.60 0.00	72.25 3.03 0.00	88.57 2.67 -25.29	153.29 3.13 -90.75	112.93 2.77 -50.95
FPL_FAR_ROCK_GT2 23815	56.35 2.78 0.00	57.65 2.43 0.00	58.35 2.27 0.00	57.38 2.19 0.00	57.14 1.91 0.00	58.68 2.03 0.00	116.41 3.58 0.00	108.65 3.26 0.00	55.45 1.80 0.00	51.18 1.95 0.00	53.88 2.74 0.00	55.17 3.06 0.00	67.44 3.27 0.00	60.34 3.53 0.00	63.83 3.17 0.00	73.34 2.84 0.00	76.42 3.21 -3.60	126.00 5.79 0.00	97.79 4.24 0.00	61.73 2.60 0.00	72.25 3.03 0.00	88.57 2.67 -25.29	153.29 3.13 -90.75	112.93 2.77 -50.95
FRANKLIN_FALL_HYD 24054	55.08 1.51 0.00	56.78 1.56 0.00	57.65 1.57 0.00	56.72 1.52 0.00	56.86 1.63 0.00	58.52 1.87 0.00	117.48 4.65 0.00	110.30 4.91 0.00	56.12 2.46 0.00	51.45 2.22 0.00	53.23 2.09 0.00	54.07 1.97 0.00	66.84 2.68 0.00	58.86 2.05 0.00	62.80 2.14 0.00	73.27 2.77 0.00	72.25 2.64 0.00	124.50 4.30 0.00	97.08 3.53 0.00	61.22 2.09 0.00	71.81 2.59 0.00	63.07 2.46 0.00	61.93 2.52 0.00	62.00 2.78 0.00

FREEPORT_EQUS_GT1 23764	55.94 2.37 0.00	57.26 2.05 0.00	57.96 1.88 0.00	56.98 1.79 0.00	56.74 1.52 0.00	58.21 1.57 0.00	102.41 2.33 12.74	93.78 2.20 13.81	43.44 1.40 11.62	42.87 1.59 7.94	52.87 2.27 0.53	54.62 2.52 0.00	66.77 2.61 0.00	59.81 3.00 0.00	63.27 2.61 0.00	72.22 1.71 0.00	74.73 2.17 -2.95	124.46 4.26 0.00	96.58 3.03 0.00	61.19 2.06 0.00	71.52 2.29 0.00	73.70 2.14 -10.96	97.31 2.48 -35.42	79.20 2.23 -17.76
FREEPORT___CT2 23818	55.94 2.37 0.00	57.26 2.05 0.00	57.96 1.88 0.00	56.98 1.79 0.00	56.74 1.52 0.00	58.21 1.57 0.00	102.41 2.33 12.74	93.78 2.20 13.81	43.44 1.40 11.62	42.87 1.59 7.94	52.87 2.27 0.53	54.62 2.52 0.00	66.77 2.61 0.00	59.81 3.00 0.00	63.27 2.61 0.00	72.22 1.71 0.00	74.73 2.17 -2.95	124.46 4.26 0.00	96.58 3.03 0.00	61.19 2.06 0.00	71.52 2.29 0.00	73.70 2.14 -10.96	97.31 2.48 -35.42	79.20 2.23 -17.76
FRESHKLS_33_KV_LOAD 356253	55.77 2.20 0.00	56.90 1.68 0.00	57.62 1.54 0.00	56.79 1.60 0.00	56.80 1.57 0.00	58.38 1.73 0.00	116.33 3.50 0.00	108.90 3.50 0.00	55.66 2.01 0.00	51.36 2.13 0.00	53.57 2.44 0.00	54.61 2.50 0.00	66.43 2.27 0.00	59.35 2.54 0.00	62.91 2.25 0.00	72.39 1.88 0.00	71.75 2.14 0.00	124.47 4.27 0.00	96.48 2.93 0.00	60.86 1.73 0.00	71.15 1.93 0.00	62.39 1.79 0.00	61.27 1.86 0.00	61.08 1.87 0.00
FULTON COGEN____ 23766	51.81 -1.75 0.00	53.39 -1.83 0.00	54.21 -1.87 0.00	53.37 -1.82 0.00	53.42 -1.81 0.00	54.84 -1.80 0.00	109.28 -3.55 0.00	102.20 -3.19 0.00	52.00 -1.66 0.00	47.61 -1.62 0.00	49.40 -1.74 0.00	50.38 -1.72 0.00	62.03 -2.13 0.00	55.00 -1.81 0.00	58.71 -1.95 0.00	68.32 -2.19 0.00	67.52 -2.09 0.00	116.62 -3.58 0.00	90.71 -2.83 0.00	57.30 -1.83 0.00	67.04 -2.19 0.00	58.64 -1.96 0.00	57.44 -1.98 0.00	57.24 -1.97 0.00
FULTON___LFGE 323630	54.65 1.08 0.00	56.27 1.05 0.00	57.16 1.08 0.00	56.19 1.00 0.00	56.30 1.07 0.00	57.88 1.23 0.00	115.45 2.63 0.00	108.09 2.70 0.00	54.28 0.62 0.00	49.50 0.28 0.00	51.67 0.53 0.00	52.93 0.83 0.00	64.76 0.60 0.00	57.47 0.66 0.00	61.11 0.45 0.00	71.69 1.19 0.00	71.18 1.57 0.00	123.57 3.36 0.00	96.08 2.54 0.00	60.66 1.53 0.00	70.92 1.69 0.00	62.23 1.63 0.00	60.92 1.51 0.00	60.66 1.45 0.00
G.F.CEMENT___DRP 24184	55.30 1.73 0.00	57.24 2.02 0.00	57.92 1.84 0.00	56.95 1.75 0.00	56.99 1.77 0.00	58.65 2.00 0.00	116.72 3.90 0.00	108.67 3.27 0.00	55.46 1.80 0.00	50.26 1.03 0.00	51.94 0.80 0.00	53.10 0.99 0.00	65.64 1.48 0.00	58.46 1.65 0.00	62.92 2.26 0.00	73.33 2.82 0.00	72.28 2.67 0.00	125.08 4.88 0.00	98.05 4.51 0.00	61.89 2.75 0.00	72.07 2.85 0.00	62.58 1.97 0.00	61.48 2.07 0.00	61.06 1.85 0.00
GARDENVILLE___LBMP 24039	49.84 -3.71 0.02	51.28 -3.94 0.00	51.85 -4.23 0.00	51.15 -4.01 0.04	51.19 -4.04 0.00	52.90 -3.75 0.00	104.84 -7.98 0.00	97.93 -6.34 1.12	50.47 -3.19 0.00	46.63 -2.60 0.00	48.39 -2.75 0.00	49.61 -2.50 0.00	61.12 -3.04 0.00	53.78 -3.04 0.00	56.73 -3.93 0.00	66.61 -3.90 0.00	64.82 -4.07 0.72	109.18 -7.12 3.90	86.79 -5.91 0.84	53.23 -4.05 1.85	64.51 -4.72 0.00	57.25 -3.36 0.00	56.17 -3.24 0.00	56.22 -3.00 0.00
GARDNVLA_35_KV_LD 355827	50.28 -3.27 0.02	51.76 -3.45 0.00	52.31 -3.77 0.00	51.60 -3.56 0.03	51.62 -3.61 0.00	53.38 -3.27 0.00	105.97 -6.85 0.00	99.14 -5.32 0.93	50.96 -2.69 0.00	47.08 -2.15 0.00	48.86 -2.28 0.00	50.11 -2.00 0.00	61.74 -2.43 0.00	54.32 -2.50 0.00	57.30 -3.35 0.00	67.24 -3.26 0.00	65.53 -3.45 0.62	110.77 -6.04 3.39	87.78 -5.03 0.73	53.98 -3.55 1.61	65.08 -4.14 0.00	57.69 -2.91 0.00	56.57 -2.84 0.00	56.58 -2.64 0.00
GELCKHM___115KV_LOAD 80723	52.47 -1.09 0.00	54.08 -1.14 0.00	54.91 -1.17 0.00	54.06 -1.13 0.00	54.12 -1.11 0.00	55.56 -1.09 0.00	110.71 -2.12 0.00	103.54 -1.86 0.00	52.64 -1.02 0.00	48.20 -1.03 0.00	50.05 -1.09 0.00	51.16 -0.94 0.00	62.93 -1.23 0.00	55.78 -1.04 0.00	59.51 -1.15 0.00	69.23 -1.27 0.00	68.37 -1.24 0.00	118.08 -2.12 0.00	91.86 -1.69 0.00	58.00 -1.14 0.00	67.83 -1.39 0.00	59.43 -1.18 0.00	58.19 -1.22 0.00	58.02 -1.20 0.00
GENERAL___MILLS 23808	50.10 -3.45 0.02	51.60 -3.62 0.00	52.15 -3.93 0.00	51.44 -3.73 0.03	51.46 -3.77 0.00	53.20 -3.44 0.00	105.56 -7.27 0.00	98.69 -5.75 0.96	50.75 -2.91 0.00	46.88 -2.35 0.00	48.65 -2.48 0.00	49.90 -2.21 0.00	61.47 -2.69 0.00	54.08 -2.73 0.00	57.02 -3.63 0.00	66.94 -3.57 0.00	65.20 -3.77 0.64	110.13 -6.60 3.47	87.30 -5.50 0.75	53.68 -3.82 1.64	64.78 -4.44 0.00	57.42 -3.18 0.00	56.34 -3.08 0.00	56.34 -2.88 0.00
GE_PLASTICS___DRP 24183	54.06 0.49 0.00	55.73 0.51 0.00	56.59 0.52 0.00	55.69 0.49 0.00	55.71 0.48 0.00	56.99 0.34 0.00	113.11 0.29 0.00	105.28 -0.11 0.00	53.50 -0.15 0.00	48.99 -0.24 0.00	50.91 -0.23 0.00	51.94 -0.16 0.00	63.88 -0.28 0.00	56.82 0.00 0.00	60.69 0.03 0.00	70.43 -0.07 0.00	69.52 -0.09 0.00	120.14 -0.06 0.00	93.72 0.17 0.00	59.38 0.25 0.00	69.46 0.23 0.00	60.56 -0.05 0.00	59.35 -0.06 0.00	59.02 -0.20 0.00
GILBOA___1 23756	54.25 0.69 0.00	56.02 0.80 0.00	57.21 1.13 0.00	56.31 1.11 0.00	56.31 1.08 0.00	57.36 0.71 0.00	113.62 0.79 0.00	105.79 0.39 0.00	53.95 0.29 0.00	49.56 0.33 0.00	51.56 0.42 0.00	52.64 0.54 0.00	64.68 0.52 0.00	57.46 0.65 0.00	61.28 0.62 0.00	70.86 0.35 0.00	69.82 0.21 0.00	120.35 0.14 0.00	93.86 0.31 0.00	59.52 0.38 0.00	69.76 0.54 0.00	61.00 0.40 0.00	59.86 0.45 0.00	59.56 0.35 0.00
GILBOA___2 23757	54.25 0.69 0.00	56.02 0.80 0.00	57.21 1.13 0.00	56.31 1.11 0.00	56.31 1.08 0.00	57.36 0.71 0.00	113.62 0.79 0.00	105.79 0.39 0.00	53.95 0.29 0.00	49.56 0.33 0.00	51.56 0.42 0.00	52.64 0.54 0.00	64.68 0.52 0.00	57.46 0.65 0.00	61.28 0.62 0.00	70.86 0.35 0.00	69.82 0.21 0.00	120.35 0.14 0.00	93.86 0.31 0.00	59.52 0.38 0.00	69.76 0.54 0.00	61.00 0.40 0.00	59.86 0.45 0.00	59.56 0.35 0.00
GILBOA___3 23758	54.25 0.69 0.00	56.02 0.80 0.00	57.21 1.13 0.00	56.31 1.11 0.00	56.31 1.08 0.00	57.36 0.71 0.00	113.62 0.79 0.00	105.79 0.39 0.00	53.95 0.29 0.00	49.56 0.33 0.00	51.56 0.42 0.00	52.64 0.54 0.00	64.68 0.52 0.00	57.46 0.65 0.00	61.28 0.62 0.00	70.86 0.35 0.00	69.82 0.21 0.00	120.35 0.14 0.00	93.86 0.31 0.00	59.52 0.38 0.00	69.76 0.54 0.00	61.00 0.40 0.00	59.86 0.45 0.00	59.56 0.35 0.00
GILBOA___4 23759	54.25 0.69 0.00	56.02 0.80 0.00	57.21 1.13 0.00	56.31 1.11 0.00	56.31 1.08 0.00	57.36 0.71 0.00	113.62 0.79 0.00	105.79 0.39 0.00	53.95 0.29 0.00	49.56 0.33 0.00	51.56 0.42 0.00	52.64 0.54 0.00	64.68 0.52 0.00	57.46 0.65 0.00	61.28 0.62 0.00	70.86 0.35 0.00	69.82 0.21 0.00	120.35 0.14 0.00	93.86 0.31 0.00	59.52 0.38 0.00	69.76 0.54 0.00	61.00 0.40 0.00	59.86 0.45 0.00	59.56 0.35 0.00

GILBOA____ 23599	54.25 0.69 0.00	56.01 0.79 0.00	57.21 1.13 0.00	56.31 1.11 0.00	56.31 1.08 0.00	57.36 0.71 0.00	113.63 0.80 0.00	105.80 0.40 0.00	53.95 0.29 0.00	49.56 0.33 0.00	51.55 0.42 0.00	52.64 0.54 0.00	64.68 0.52 0.00	57.46 0.65 0.00	61.27 0.61 0.00	70.85 0.35 0.00	69.82 0.21 0.00	120.35 0.14 0.00	93.87 0.32 0.00	59.51 0.38 0.00	69.76 0.53 0.00	61.00 0.40 0.00	59.86 0.45 0.00	59.56 0.35 0.00
GINNA____ 23603	49.53 -4.03 0.01	51.03 -4.19 0.00	51.67 -4.41 0.00	50.87 -4.32 0.01	50.94 -4.29 0.00	52.59 -4.06 0.00	104.79 -8.04 0.00	98.07 -7.04 0.29	49.99 -3.67 0.00	45.89 -3.33 0.00	47.72 -3.41 0.00	48.86 -3.25 0.00	60.27 -3.89 0.00	53.20 -3.61 0.00	56.47 -4.19 0.00	65.93 -4.58 0.00	64.96 -4.45 0.20	111.49 -7.63 1.09	87.09 -6.22 0.23	54.40 -4.22 0.51	64.17 -5.05 0.00	56.46 -4.14 0.00	55.19 -4.22 0.00	55.06 -4.15 0.00
GLEN PARK____ 23778	52.84 -0.72 0.00	54.77 -0.45 0.00	56.04 -0.04 0.00	55.45 0.26 0.00	55.79 0.56 0.00	57.55 0.90 0.00	115.83 3.00 0.00	109.07 3.68 0.00	55.39 1.74 0.00	49.97 0.74 0.00	51.06 -0.08 0.00	51.45 -0.66 0.00	62.75 -1.41 0.00	54.79 -2.02 0.00	60.12 -0.54 0.00	71.87 1.36 0.00	71.61 2.01 0.00	124.20 3.99 0.00	95.69 2.15 0.00	60.44 1.31 0.00	71.14 1.91 0.00	61.81 1.21 0.00	60.81 1.40 0.00	60.51 1.30 0.00
GLENDALE_27_KV_LOAD 356172	55.81 2.24 0.00	57.03 1.81 0.00	57.75 1.68 0.00	56.84 1.65 0.00	56.80 1.58 0.00	58.33 1.68 0.00	116.42 3.59 0.00	108.92 3.53 0.00	55.71 2.06 0.00	51.47 2.24 0.00	53.80 2.67 0.00	54.97 2.86 0.00	67.15 2.99 0.00	59.79 2.98 0.00	63.36 2.70 0.00	72.88 2.38 0.00	72.20 2.59 0.00	124.88 4.67 0.00	96.86 3.31 0.00	61.07 1.93 0.00	71.43 2.21 0.00	62.63 2.03 0.00	61.55 2.14 0.00	61.19 1.98 0.00
GLENWOOD_IC_1_G5 23712	55.86 2.29 0.00	57.16 1.93 0.00	57.89 1.81 0.00	56.96 1.76 0.00	56.83 1.60 0.00	58.33 1.68 0.00	108.24 3.20 7.79	99.97 3.02 8.45	48.27 1.72 7.11	46.22 1.85 4.86	53.18 2.36 0.32	54.72 2.62 0.00	66.94 2.78 0.00	59.73 2.92 0.00	63.29 2.63 0.00	72.78 2.27 0.00	75.95 2.56 -3.78	124.96 4.75 0.00	96.94 3.39 0.00	61.18 2.05 0.00	71.56 2.34 0.00	71.72 2.05 -9.07	87.51 2.40 -25.71	72.04 2.12 -10.70
GLENWOOD_IC_2_G1 23688	55.66 2.10 0.00	56.96 1.74 0.00	57.71 1.63 0.00	56.78 1.59 0.00	56.68 1.46 0.00	58.18 1.54 0.00	115.79 2.96 0.00	108.13 2.74 0.00	55.24 1.59 0.00	50.91 1.68 0.00	53.33 2.19 0.00	54.50 2.40 0.00	66.71 2.55 0.00	59.48 2.67 0.00	63.05 2.39 0.00	72.52 2.02 0.00	72.04 2.28 -0.16	124.42 4.22 0.00	96.56 3.01 0.00	60.93 1.80 0.00	71.27 2.05 0.00	62.65 1.81 -0.24	62.03 2.10 -0.52	61.17 1.86 -0.10
GLENWOOD_IC_3_G1 23689	55.66 2.10 0.00	56.96 1.74 0.00	57.71 1.63 0.00	56.78 1.59 0.00	56.68 1.46 0.00	58.18 1.54 0.00	115.79 2.96 0.00	108.13 2.74 0.00	55.24 1.59 0.00	50.91 1.68 0.00	53.33 2.19 0.00	54.50 2.40 0.00	66.71 2.55 0.00	59.48 2.67 0.00	63.05 2.39 0.00	72.52 2.02 0.00	72.04 2.28 -0.16	124.42 4.22 0.00	96.56 3.01 0.00	60.93 1.80 0.00	71.27 2.05 0.00	62.65 1.81 -0.24	62.03 2.10 -0.52	61.17 1.86 -0.10
GLENWOOD____4 23550	55.86 2.29 0.00	57.16 1.93 0.00	57.89 1.81 0.00	56.96 1.76 0.00	56.83 1.60 0.00	58.33 1.68 0.00	108.24 3.20 7.79	99.97 3.02 8.45	48.27 1.72 7.11	46.22 1.85 4.86	53.18 2.36 0.32	54.72 2.62 0.00	66.94 2.78 0.00	59.73 2.92 0.00	63.29 2.63 0.00	72.78 2.27 0.00	75.95 2.56 -3.78	124.96 4.75 0.00	96.94 3.39 0.00	61.18 2.05 0.00	71.56 2.34 0.00	71.72 2.05 -9.07	87.51 2.40 -25.71	72.04 2.12 -10.70
GLENWOOD____5 23614	55.86 2.29 0.00	57.16 1.93 0.00	57.89 1.81 0.00	56.96 1.76 0.00	56.83 1.60 0.00	58.33 1.68 0.00	108.24 3.20 7.79	99.97 3.02 8.45	48.27 1.72 7.11	46.22 1.85 4.86	53.18 2.36 0.32	54.72 2.62 0.00	66.94 2.78 0.00	59.73 2.92 0.00	63.29 2.63 0.00	72.78 2.27 0.00	75.95 2.56 -3.78	124.96 4.75 0.00	96.94 3.39 0.00	61.18 2.05 0.00	71.56 2.34 0.00	71.72 2.05 -9.07	87.51 2.40 -25.71	72.04 2.12 -10.70
GLOBAL GREEN_PORT_GT1 23814	54.82 1.26 0.00	56.08 0.86 0.00	56.80 0.72 0.00	55.84 0.64 0.00	55.63 0.40 0.00	59.85 0.74 -2.46	102.44 0.72 11.11	90.75 0.52 15.16	34.08 0.29 19.86	36.92 0.48 12.79	51.49 1.43 1.07	54.44 2.33 0.00	68.37 2.18 -2.03	61.15 2.87 -1.47	73.30 2.52 -10.12	82.35 1.98 -9.86	85.28 2.64 -13.03	147.87 7.25 -20.41	113.47 4.74 -15.19	70.35 2.18 -9.03	83.46 2.73 -11.52	72.63 1.57 -10.45	70.07 2.47 -8.20	65.87 1.58 -5.08
GLOBE____DSASP 323697	48.97 -4.58 0.02	50.50 -4.72 0.00	51.01 -5.06 0.00	50.25 -4.92 0.03	50.25 -4.98 0.00	51.90 -4.74 0.00	102.59 -10.23 0.00	95.80 -8.78 0.81	49.29 -4.37 0.00	45.50 -3.72 0.00	47.31 -3.83 0.00	48.47 -3.63 0.00	59.72 -4.44 0.00	52.48 -4.33 0.00	55.29 -5.36 0.00	64.81 -5.70 0.00	63.00 -6.08 0.53	106.60 -10.72 2.89	84.11 -8.81 0.62	51.82 -5.94 1.37	62.16 -7.07 0.00	55.56 -5.05 0.00	54.62 -4.79 0.00	54.80 -4.41 0.00
GOETHSLN____LBMP 323567	55.45 1.89 0.00	56.64 1.42 0.00	57.36 1.28 0.00	56.46 1.27 0.00	56.44 1.22 0.00	57.99 1.34 0.00	115.71 2.89 0.00	108.11 2.71 0.00	55.24 1.58 0.00	50.96 1.73 0.00	53.26 2.12 0.00	54.42 2.32 0.00	66.60 2.44 0.00	59.30 2.48 0.00	62.87 2.21 0.00	72.31 1.80 0.00	71.65 2.05 0.00	123.96 3.75 0.00	96.17 2.63 0.00	60.63 1.49 0.00	70.92 1.70 0.00	62.12 1.52 0.00	61.12 1.71 0.00	60.75 1.53 0.00
GOLAH____69_KV_TB 1_2 80279	51.90 -1.65 0.01	53.44 -1.77 0.00	54.08 -2.00 0.00	53.24 -1.94 0.02	53.36 -1.87 0.00	55.07 -1.58 0.00	109.61 -3.22 0.00	102.63 -2.28 0.49	52.38 -1.28 0.00	48.05 -1.18 0.00	49.93 -1.21 0.00	51.23 -0.88 0.00	63.00 -1.16 0.00	55.70 -1.11 0.00	59.03 -1.63 0.00	68.97 -1.54 0.00	67.81 -1.49 0.32	116.17 -2.30 1.74	91.01 -2.16 0.37	56.61 -1.71 0.82	67.12 -2.10 0.00	59.21 -1.40 0.00	57.92 -1.49 0.00	57.81 -1.40 0.00
GOODYEAR_LAKE_HYD 323669	54.49 0.93 0.00	56.08 0.86 0.00	57.09 1.01 0.00	56.28 1.08 0.00	56.38 1.16 0.00	57.79 1.14 0.00	115.30 2.47 0.00	108.04 2.64 0.00	55.09 1.44 0.00	50.56 1.34 0.00	52.48 1.34 0.00	53.68 1.58 0.00	65.87 1.71 0.00	58.34 1.53 0.00	62.16 1.50 0.00	72.01 1.50 0.00	71.22 1.61 0.00	123.16 2.96 0.00	95.69 2.15 0.00	60.41 1.28 0.00	70.68 1.46 0.00	61.93 1.33 0.00	60.68 1.27 0.00	60.47 1.25 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	52.96 -0.59 0.01	54.55 -0.67 0.00	55.40 -0.68 0.00	54.64 -0.54 0.01	54.71 -0.52 0.00	56.09 -0.56 0.00	111.56 -1.27 0.00	103.94 -1.02 0.43	53.09 -0.57 0.00	48.76 -0.47 0.00	50.62 -0.52 0.00	51.86 -0.25 0.00	63.78 -0.38 0.00	56.52 -0.30 0.00	60.13 -0.53 0.00	69.73 -0.78 0.00	68.47 -0.89 0.26	117.31 -1.50 1.40	92.12 -1.13 0.30	57.75 -0.72 0.66	68.43 -0.80 0.00	59.93 -0.67 0.00	58.80 -0.61 0.00	58.57 -0.64 0.00

GOUDEY___7 23579	52.96 -0.59 0.01	54.55 -0.67 0.00	55.40 -0.68 0.00	54.64 -0.54 0.01	54.71 -0.52 0.00	56.09 -0.56 0.00	111.56 -1.27 0.00	103.94 -1.02 0.43	53.09 -0.57 0.00	48.76 -0.47 0.00	50.62 -0.52 0.00	51.86 -0.25 0.00	63.78 -0.38 0.00	56.52 -0.30 0.00	60.13 -0.53 0.00	69.73 -0.78 0.00	68.47 -0.89 0.26	117.31 -1.50 1.40	92.12 -1.13 0.30	57.75 -0.72 0.66	68.43 -0.80 0.00	59.93 -0.67 0.00	58.80 -0.61 0.00	58.57 -0.64 0.00
GOUDEY___8 23580	52.96 -0.59 0.01	54.55 -0.67 0.00	55.40 -0.68 0.00	54.64 -0.54 0.01	54.71 -0.52 0.00	56.09 -0.56 0.00	111.56 -1.27 0.00	103.94 -1.02 0.43	53.09 -0.57 0.00	48.76 -0.47 0.00	50.62 -0.52 0.00	51.86 -0.25 0.00	63.78 -0.38 0.00	56.52 -0.30 0.00	60.13 -0.53 0.00	69.73 -0.78 0.00	68.47 -0.89 0.26	117.31 -1.50 1.40	92.12 -1.13 0.30	57.75 -0.72 0.66	68.43 -0.80 0.00	59.93 -0.67 0.00	58.80 -0.61 0.00	58.57 -0.64 0.00
GOWANUS_GT1_1 24077	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT1_2 24078	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT1_3 24079	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT1_4 24080	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT1_5 24084	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT1_6 24111	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT1_7 24112	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT1_8 24113	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT2_1 24114	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT2_2 24115	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT2_3 24116	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT2_4 24117	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT2_5 24118	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00

GOWANUS_GT2_6 24119	55.73 <u>2.17</u> 0.00	56.91 <u>1.69</u> 0.00	57.65 <u>1.57</u> 0.00	56.77 <u>1.57</u> 0.00	56.71 <u>1.49</u> 0.00	58.24 <u>1.59</u> 0.00	116.16 <u>3.33</u> 0.00	108.72 <u>3.32</u> 0.00	55.59 <u>1.94</u> 0.00	51.30 <u>2.08</u> 0.00	53.63 <u>2.49</u> 0.00	54.73 <u>2.63</u> 0.00	66.80 <u>2.64</u> 0.00	59.59 <u>2.78</u> 0.00	63.16 <u>2.50</u> 0.00	72.62 <u>2.12</u> 0.00	71.92 <u>2.32</u> 0.00	124.49 <u>4.29</u> 0.00	96.53 <u>2.98</u> 0.00	60.87 <u>1.74</u> 0.00	71.24 <u>2.02</u> 0.00	62.47 <u>1.87</u> 0.00	61.41 <u>2.00</u> 0.00	61.12 <u>1.90</u> 0.00
GOWANUS_GT2_7 24120	55.73 <u>2.17</u> 0.00	56.91 <u>1.69</u> 0.00	57.65 <u>1.57</u> 0.00	56.77 <u>1.57</u> 0.00	56.71 <u>1.49</u> 0.00	58.24 <u>1.59</u> 0.00	116.16 <u>3.33</u> 0.00	108.72 <u>3.32</u> 0.00	55.59 <u>1.94</u> 0.00	51.30 <u>2.08</u> 0.00	53.63 <u>2.49</u> 0.00	54.73 <u>2.63</u> 0.00	66.80 <u>2.64</u> 0.00	59.59 <u>2.78</u> 0.00	63.16 <u>2.50</u> 0.00	72.62 <u>2.12</u> 0.00	71.92 <u>2.32</u> 0.00	124.49 <u>4.29</u> 0.00	96.53 <u>2.98</u> 0.00	60.87 <u>1.74</u> 0.00	71.24 <u>2.02</u> 0.00	62.47 <u>1.87</u> 0.00	61.41 <u>2.00</u> 0.00	61.12 <u>1.90</u> 0.00
GOWANUS_GT2_8 24121	55.73 <u>2.17</u> 0.00	56.91 <u>1.69</u> 0.00	57.65 <u>1.57</u> 0.00	56.77 <u>1.57</u> 0.00	56.71 <u>1.49</u> 0.00	58.24 <u>1.59</u> 0.00	116.16 <u>3.33</u> 0.00	108.72 <u>3.32</u> 0.00	55.59 <u>1.94</u> 0.00	51.30 <u>2.08</u> 0.00	53.63 <u>2.49</u> 0.00	54.73 <u>2.63</u> 0.00	66.80 <u>2.64</u> 0.00	59.59 <u>2.78</u> 0.00	63.16 <u>2.50</u> 0.00	72.62 <u>2.12</u> 0.00	71.92 <u>2.32</u> 0.00	124.49 <u>4.29</u> 0.00	96.53 <u>2.98</u> 0.00	60.87 <u>1.74</u> 0.00	71.24 <u>2.02</u> 0.00	62.47 <u>1.87</u> 0.00	61.41 <u>2.00</u> 0.00	61.12 <u>1.90</u> 0.00
GOWANUS_GT3_1 24122	55.73 <u>2.17</u> 0.00	56.91 <u>1.69</u> 0.00	57.65 <u>1.57</u> 0.00	56.77 <u>1.57</u> 0.00	56.71 <u>1.49</u> 0.00	58.24 <u>1.59</u> 0.00	116.16 <u>3.33</u> 0.00	108.72 <u>3.32</u> 0.00	55.59 <u>1.94</u> 0.00	51.30 <u>2.08</u> 0.00	53.63 <u>2.49</u> 0.00	54.73 <u>2.63</u> 0.00	66.80 <u>2.64</u> 0.00	59.59 <u>2.78</u> 0.00	63.16 <u>2.50</u> 0.00	72.62 <u>2.12</u> 0.00	71.92 <u>2.32</u> 0.00	124.49 <u>4.29</u> 0.00	96.53 <u>2.98</u> 0.00	60.87 <u>1.74</u> 0.00	71.24 <u>2.02</u> 0.00	62.47 <u>1.87</u> 0.00	61.41 <u>2.00</u> 0.00	61.12 <u>1.90</u> 0.00
GOWANUS_GT3_2 24123	55.73 <u>2.17</u> 0.00	56.91 <u>1.69</u> 0.00	57.65 <u>1.57</u> 0.00	56.77 <u>1.57</u> 0.00	56.71 <u>1.49</u> 0.00	58.24 <u>1.59</u> 0.00	116.16 <u>3.33</u> 0.00	108.72 <u>3.32</u> 0.00	55.59 <u>1.94</u> 0.00	51.30 <u>2.08</u> 0.00	53.63 <u>2.49</u> 0.00	54.73 <u>2.63</u> 0.00	66.80 <u>2.64</u> 0.00	59.59 <u>2.78</u> 0.00	63.16 <u>2.50</u> 0.00	72.62 <u>2.12</u> 0.00	71.92 <u>2.32</u> 0.00	124.49 <u>4.29</u> 0.00	96.53 <u>2.98</u> 0.00	60.87 <u>1.74</u> 0.00	71.24 <u>2.02</u> 0.00	62.47 <u>1.87</u> 0.00	61.41 <u>2.00</u> 0.00	61.12 <u>1.90</u> 0.00
GOWANUS_GT3_3 24124	55.73 <u>2.17</u> 0.00	56.91 <u>1.69</u> 0.00	57.65 <u>1.57</u> 0.00	56.77 <u>1.57</u> 0.00	56.71 <u>1.49</u> 0.00	58.24 <u>1.59</u> 0.00	116.16 <u>3.33</u> 0.00	108.72 <u>3.32</u> 0.00	55.59 <u>1.94</u> 0.00	51.30 <u>2.08</u> 0.00	53.63 <u>2.49</u> 0.00	54.73 <u>2.63</u> 0.00	66.80 <u>2.64</u> 0.00	59.59 <u>2.78</u> 0.00	63.16 <u>2.50</u> 0.00	72.62 <u>2.12</u> 0.00	71.92 <u>2.32</u> 0.00	124.49 <u>4.29</u> 0.00	96.53 <u>2.98</u> 0.00	60.87 <u>1.74</u> 0.00	71.24 <u>2.02</u> 0.00	62.47 <u>1.87</u> 0.00	61.41 <u>2.00</u> 0.00	61.12 <u>1.90</u> 0.00
GOWANUS_GT3_4 24125	55.73 <u>2.17</u> 0.00																							

GOWANUS_GT4_5 24134	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT4_6 24135	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT4_7 24136	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GOWANUS_GT4_8 24137	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GREATVR_69_KV_BK1 356245	56.50 2.93 0.00	57.77 2.55 0.00	58.50 2.42 0.00	57.53 2.33 0.00	57.20 1.97 0.00	60.60 2.14 -1.82	103.24 3.98 13.56	92.06 3.67 17.01	36.24 2.15 19.56	38.63 2.19 12.78	52.85 2.72 1.01	55.11 3.00 0.00	68.96 3.30 -1.50	61.70 3.80 -1.09	71.48 3.34 -7.48	80.90 3.11 -7.29	83.60 3.70 -10.29	142.35 7.07 -15.08	109.90 5.14 -11.22	69.02 3.22 -6.67	81.30 3.57 -8.51	72.70 3.08 -9.02	72.33 3.53 -9.40	67.22 3.09 -4.91
GREENBSH_115KV_TB3 55895	53.88 0.32 0.00	55.55 0.33 0.00	56.37 0.29 0.00	55.47 0.28 0.00	55.49 0.27 0.00	56.77 0.12 0.00	112.65 -0.18 0.00	104.73 -0.66 0.00	53.15 -0.51 0.00	48.63 -0.59 0.00	50.48 -0.66 0.00	51.51 -0.59 0.00	63.35 -0.81 0.00	56.38 -0.43 0.00	60.31 -0.35 0.00	70.02 -0.48 0.00	69.09 -0.51 0.00	119.44 -0.77 0.00	93.26 -0.29 0.00	59.11 -0.02 0.00	69.10 -0.12 0.00	60.16 -0.44 0.00	58.94 -0.47 0.00	58.59 -0.63 0.00
GREENDGE_115KV_TB5 80291	50.65 -2.83 0.08	51.83 -3.39 0.00	52.42 -3.66 0.00	51.78 -3.27 0.14	52.05 -3.17 0.00	53.63 -3.02 0.00	106.15 -6.66 0.01	96.11 -5.31 3.98	50.98 -2.68 0.00	47.22 -2.00 0.00	48.39 -2.75 0.00	49.57 -2.54 0.00	61.24 -2.92 0.00	54.31 -2.50 0.00	57.62 -3.04 0.00	67.41 -3.10 0.00	63.90 -3.30 2.41	100.47 -6.60 13.13	85.90 -4.81 2.84	50.26 -2.66 6.21	66.22 -3.01 0.00	58.22 -2.38 0.00	57.15 -2.26 0.00	56.97 -2.25 0.00
GREENIDGE___3 23582	50.65 -2.83 0.08	51.83 -3.39 0.00	52.42 -3.66 0.00	51.78 -3.27 0.14	52.05 -3.17 0.00	53.63 -3.02 0.00	106.15 -6.66 0.01	96.11 -5.31 3.98	50.98 -2.68 0.00	47.22 -2.00 0.00	48.39 -2.75 0.00	49.57 -2.54 0.00	61.24 -2.92 0.00	54.31 -2.50 0.00	57.62 -3.04 0.00	67.41 -3.10 0.00	63.90 -3.30 2.41	100.47 -6.60 13.13	85.90 -4.81 2.84	50.26 -2.66 6.21	66.22 -3.01 0.00	58.22 -2.38 0.00	57.15 -2.26 0.00	56.97 -2.25 0.00
GREENIDGE___4 23583	50.66 -2.82 0.08	51.84 -3.38 0.00	52.43 -3.65 0.00	51.78 -3.28 0.14	52.05 -3.18 0.00	53.63 -3.01 0.00	106.17 -6.65 0.01	96.09 -5.32 3.98	51.00 -2.65 0.00	47.24 -1.99 0.00	48.37 -2.76 0.00	49.55 -2.56 0.00	61.27 -2.89 0.00	54.32 -2.49 0.00	57.61 -3.05 0.00	67.41 -3.09 0.00	63.90 -3.30 2.41	100.47 -6.60 13.13	85.92 -4.79 2.84	50.25 -2.67 6.21	66.20 -3.02 0.00	58.22 -2.38 0.00	57.14 -2.27 0.00	56.97 -2.25 0.00
GREENLWN_69_KV_BK 3 55738	55.47 1.90 0.00	56.80 1.58 0.00	57.50 1.42 0.00	56.55 1.35 0.00	56.21 0.98 0.00	55.40 0.89 2.14	76.27 1.25 37.80	68.31 1.19 38.28	28.45 0.81 26.02	31.85 1.08 18.45	51.94 1.83 1.03	54.18 2.08 0.00	64.22 1.83 1.77	57.81 2.28 1.28	53.62 1.79 8.83	63.14 1.24 8.60	64.12 1.75 7.24	105.98 3.57 17.80	82.75 2.45 13.24	52.71 1.46 7.88	60.75 1.57 10.04	56.31 1.39 5.68	56.71 1.96 4.66	52.40 1.61 8.42
GREENWD_138_KV_38B11_REV_LBMP_J 345004	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00
GRISSOM___SOLAR 323813	54.88 1.31 0.00	56.53 1.31 0.00	57.40 1.33 0.00	56.41 1.22 0.00	56.50 1.28 0.00	58.06 1.41 0.00	115.81 2.98 0.00	108.25 2.85 0.00	54.24 0.58 0.00	49.39 0.17 0.00	51.67 0.53 0.00	52.86 0.75 0.00	64.73 0.57 0.00	57.57 0.76 0.00	61.25 0.59 0.00	71.94 1.43 0.00	71.40 1.79 0.00	123.88 3.67 0.00	96.37 2.83 0.00	60.87 1.74 0.00	71.18 1.95 0.00	62.36 1.75 0.00	61.05 1.64 0.00	60.77 1.56 0.00
GROVEVILLE___HYD 323602	55.84 2.27 0.00	57.22 2.01 0.00	58.03 1.95 0.00	57.12 1.93 0.00	57.14 1.91 0.00	58.65 2.00 0.00	116.94 4.12 0.00	109.25 3.86 0.00	55.67 2.02 0.00	51.23 2.00 0.00	53.47 2.34 0.00	54.66 2.55 0.00	67.06 2.90 0.00	59.65 2.84 0.00	63.42 2.76 0.00	73.14 2.64 0.00	72.39 2.78 0.00	125.19 4.99 0.00	97.23 3.69 0.00	61.36 2.23 0.00	71.78 2.55 0.00	62.77 2.17 0.00	61.67 2.26 0.00	61.27 2.06 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	52.81 -0.76 0.00	54.43 -0.79 0.00	55.27 -0.81 0.00	54.43 -0.76 -0.01	54.50 -0.73 0.00	55.97 -0.68 0.00	111.55 -1.28 0.00	104.51 -1.08 -0.20	53.00 -0.66 0.00	48.49 -0.74 0.00	50.34 -0.80 0.00	51.51 -0.59 0.00	63.34 -0.82 0.00	56.16 -0.66 0.00	59.92 -0.74 0.00	69.72 -0.78 0.00	68.96 -0.75 -0.10	119.47 -1.30 -0.56	92.59 -1.08 -0.12	58.65 -0.75 -0.26	68.31 -0.91 0.00	59.85 -0.75 0.00	58.60 -0.81 0.00	58.40 -0.81 0.00
HAMLTNNY_34_KV_TB 80303	52.91 -0.65 0.00	54.52 -0.70 0.00	55.34 -0.74 0.00	54.50 -0.69 0.00	54.56 -0.67 0.00	56.07 -0.58 0.00	111.82 -1.01 0.00	104.81 -0.79 -0.20	53.12 -0.54 0.00	48.48 -0.75 0.00	50.38 -0.75 0.00	51.64 -0.47 0.00	63.46 -0.70 0.00	56.27 -0.54 0.00	60.04 -0.62 0.00	69.87 -0.63 0.00	68.96 -0.65 0.00	119.11 -1.09 0.00	92.64 -0.90 0.00	58.48 -0.65 0.00	68.40 -0.82 0.00	59.97 -0.63 0.00	58.71 -0.70 0.00	58.48 -0.73 0.00

HAMPSHIRE___PAPER_HYD 323593	53.80 0.23 0.00	55.62 0.40 0.00	56.72 0.64 0.00	55.99 0.80 0.00	56.20 0.97 0.00	57.85 1.20 0.00	115.72 2.90 0.00	108.73 3.33 0.00	55.27 1.62 0.00	50.37 1.15 0.00	52.05 0.91 0.00	52.57 0.46 0.00	64.64 0.47 0.00	56.62 -0.19 0.00	61.15 0.49 0.00	71.77 1.27 0.00	70.77 1.16 0.00	121.96 1.76 0.00	94.53 0.98 0.00	59.80 0.67 0.00	70.66 1.44 0.00	62.00 1.39 0.00	61.03 1.62 0.00	60.89 1.68 0.00
HARDSCRABBLE_WT_PWR 323673	55.91 2.35 0.00	57.44 2.22 0.00	58.33 2.25 0.00	57.51 2.32 0.00	57.58 2.36 0.00	59.18 2.53 0.00	117.84 5.02 0.00	109.61 4.21 0.00	55.02 1.37 0.00	50.24 1.02 0.00	52.41 1.27 0.00	53.60 1.50 0.00	65.85 1.69 0.00	58.70 1.89 0.00	61.87 1.22 0.00	72.00 1.49 0.00	71.80 2.19 0.00	125.22 5.01 0.00	97.95 4.41 0.00	61.95 2.82 0.00	72.41 3.18 0.00	63.37 2.76 0.00	62.16 2.74 0.00	61.66 2.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	55.68 2.11 0.00	57.03 1.81 0.00	57.82 1.74 0.00	56.92 1.72 0.00	56.92 1.69 0.00	58.46 1.82 0.00	116.57 3.75 0.00	108.91 3.51 0.00	55.51 1.85 0.00	51.09 1.87 0.00	53.37 2.23 0.00	54.51 2.40 0.00	66.86 2.70 0.00	59.51 2.70 0.00	63.22 2.57 0.00	72.88 2.37 0.00	72.13 2.52 0.00	124.74 4.53 0.00	96.83 3.28 0.00	61.07 1.93 0.00	71.46 2.23 0.00	62.51 1.91 0.00	61.43 2.02 0.00	61.08 1.86 0.00
HARSNRAD_115KV_TB1 81005	49.66 -3.89 0.02	51.15 -4.07 0.00	51.69 -4.39 0.00	50.94 -4.23 0.03	50.95 -4.28 0.00	52.66 -3.99 0.00	104.20 -8.63 0.00	97.61 -6.98 0.81	50.10 -3.56 0.00	46.19 -3.04 0.00	48.00 -3.13 0.00	49.22 -2.89 0.00	60.60 -3.56 0.00	53.33 -3.49 0.00	56.18 -4.48 0.00	66.02 -4.48 0.00	64.52 -4.56 0.53	109.38 -7.96 2.86	86.29 -6.64 0.62	53.20 -4.58 1.35	63.77 -5.46 0.00	56.69 -3.91 0.00	55.58 -3.83 0.00	55.70 -3.51 0.00
HARZA MOOSE___RIVER 24016	53.81 0.25 0.00	55.62 0.40 0.00	56.80 0.72 0.00	56.10 0.91 0.00	56.32 1.08 0.00	57.94 1.29 0.00	116.00 3.18 0.00	108.76 3.36 0.00	55.31 1.66 0.00	50.40 1.17 0.00	51.98 0.84 0.00	52.54 0.43 0.00	64.27 0.10 0.00	56.60 -0.21 0.00	61.26 0.60 0.00	72.10 1.60 0.00	71.47 1.86 0.00	123.54 3.33 0.00	95.73 2.19 0.00	60.42 1.29 0.00	71.00 1.77 0.00	61.93 1.33 0.00	60.84 1.44 0.00	60.60 1.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	52.42 -1.15 0.00	54.05 -1.17 0.00	54.89 -1.19 0.00	54.05 -1.15 0.00	54.11 -1.12 0.00	55.50 -1.15 0.00	110.59 -2.24 0.00	103.40 -2.00 0.00	52.59 -1.07 0.00	48.18 -1.05 0.00	50.02 -1.11 0.00	51.14 -0.97 0.00	62.91 -1.25 0.00	55.78 -1.03 0.00	59.49 -1.17 0.00	69.18 -1.32 0.00	68.34 -1.27 0.00	117.96 -2.25 0.00	91.78 -1.77 0.00	57.94 -1.19 0.00	67.78 -1.45 0.00	59.35 -1.26 0.00	58.14 -1.27 0.00	57.98 -1.24 0.00
HELLGATE_13_KV_LD 55870	55.92 2.36 0.00	57.17 1.95 0.00	57.89 1.81 0.00	56.97 1.78 0.00	56.94 1.71 0.00	58.49 1.85 0.00	116.70 3.87 0.00	109.20 3.81 0.00	55.87 2.21 0.00	51.59 2.37 0.00	53.95 2.82 0.00	55.12 3.01 0.00	67.32 3.16 0.00	59.94 3.13 0.00	63.52 2.86 0.00	73.04 2.54 0.00	72.36 2.75 0.00	125.15 4.95 0.00	97.05 3.51 0.00	61.20 2.07 0.00	71.58 2.36 0.00	62.78 2.18 0.00	61.69 2.28 0.00	61.33 2.12 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	55.92 2.36 0.00	57.17 1.95 0.00	57.89 1.81 0.00	56.97 1.78 0.00	56.94 1.71 0.00	58.49 1.85 0.00	116.70 3.87 0.00	109.20 3.81 0.00	55.87 2.21 0.00	51.59 2.37 0.00	53.95 2.82 0.00	55.12 3.01 0.00	67.32 3.16 0.00	59.94 3.13 0.00	63.52 2.86 0.00	73.04 2.54 0.00	72.36 2.75 0.00	125.15 4.95 0.00	97.05 3.51 0.00	61.20 2.07 0.00	71.58 2.36 0.00	62.78 2.18 0.00	61.69 2.28 0.00	61.33 2.12 0.00
HEMPSTEAD____ 23647	55.59 2.02 0.00	56.87 1.66 0.00	57.60 1.52 0.00	56.65 1.46 0.00	56.45 1.22 0.00	57.92 1.27 0.00	103.18 2.10 11.75	94.62 1.97 12.74	44.14 1.20 10.72	43.29 1.39 7.32	52.65 2.01 0.49	54.34 2.23 0.00	66.43 2.27 0.00	59.42 2.60 0.00	62.89 2.24 0.00	72.18 1.68 0.00	74.93 2.05 -3.27	124.16 3.96 0.00	96.30 2.76 0.00	60.84 1.71 0.00	71.15 1.93 0.00	71.68 1.73 -9.35	89.80 2.16 -28.23	73.99 1.84 -12.93
HICKLING___1 23621	49.91 -3.61 0.06	51.33 -3.88 0.00	51.97 -4.11 0.00	51.41 -3.69 0.10	51.57 -3.66 0.00	53.03 -3.62 0.00	105.16 -7.66 0.01	96.18 -6.39 2.82	50.38 -3.28 0.00	46.77 -2.46 0.00	48.29 -2.85 0.00	49.56 -2.55 0.00	61.18 -2.98 0.00	54.16 -2.65 0.00	57.14 -3.52 0.00	66.50 -4.00 0.00	63.36 -4.53 1.72	102.81 -8.03 9.37	85.51 -6.00 2.03	50.98 -3.72 4.43	65.21 -4.01 0.00	57.29 -3.31 0.00	56.37 -3.05 0.00	56.23 -2.99 0.00
HICKLING___2 23622	49.91 -3.61 0.06	51.33 -3.88 0.00	51.97 -4.11 0.00	51.41 -3.69 0.10	51.57 -3.66 0.00	53.03 -3.62 0.00	105.16 -7.66 0.01	96.18 -6.39 2.82	50.38 -3.28 0.00	46.77 -2.46 0.00	48.29 -2.85 0.00	49.56 -2.55 0.00	61.18 -2.98 0.00	54.16 -2.65 0.00	57.14 -3.52 0.00	66.50 -4.00 0.00	63.36 -4.53 1.72	102.81 -8.03 9.37	85.51 -6.00 2.03	50.98 -3.72 4.43	65.21 -4.01 0.00	57.29 -3.31 0.00	56.37 -3.05 0.00	56.23 -2.99 0.00
HIGH FALLS___HY 23754	55.92 2.36 0.00	57.29 2.07 0.00	58.13 2.05 0.00	57.22 2.03 0.00	57.26 2.03 0.00	58.80 2.15 0.00	117.37 4.55 0.00	109.79 4.39 0.00	55.94 2.28 0.00	51.60 2.37 0.00	53.77 2.63 0.00	55.00 2.90 0.00	67.43 3.27 0.00	59.95 3.14 0.00	63.83 3.17 0.00	73.52 3.02 0.00	72.81 3.20 0.00	125.96 5.75 0.00	97.79 4.24 0.00	61.68 2.55 0.00	72.14 2.92 0.00	63.14 2.53 0.00	62.01 2.60 0.00	61.61 2.40 0.00
HIGH_RIVER___SOLAR 323847	54.66 1.09 0.00	56.29 1.07 0.00	57.21 1.13 0.00	56.26 1.06 0.00	56.36 1.13 0.00	57.89 1.25 0.00	115.33 2.51 0.00	107.68 2.28 0.00	54.04 0.38 0.00	49.22 -0.01 0.00	51.17 0.03 0.00	52.48 0.37 0.00	64.36 0.20 0.00	57.02 0.21 0.00	60.93 0.27 0.00	71.60 1.10 0.00	71.11 1.51 0.00	123.38 3.17 0.00	95.97 2.43 0.00	60.64 1.51 0.00	70.94 1.72 0.00	62.12 1.52 0.00	60.83 1.42 0.00	60.56 1.34 0.00
HILLBURN___GT 23639	55.53 1.96 0.00	56.82 1.60 0.00	57.62 1.54 0.00	56.71 1.52 0.00	56.70 1.47 0.00	58.25 1.60 0.00	116.12 3.29 0.00	108.49 3.10 0.00	55.33 1.67 0.00	50.94 1.72 0.00	53.20 2.06 0.00	54.35 2.24 0.00	66.64 2.48 0.00	59.32 2.50 0.00	62.97 2.31 0.00	72.48 1.97 0.00	71.74 2.13 0.00	124.06 3.86 0.00	96.30 2.76 0.00	60.73 1.59 0.00	71.08 1.85 0.00	62.20 1.59 0.00	61.18 1.77 0.00	60.84 1.62 0.00
HILLSIDE_115KV_TB1 80332	49.28 -4.23 0.05	50.74 -4.48 0.00	51.36 -4.72 0.00	50.85 -4.25 0.09	50.98 -4.25 0.00	52.37 -4.28 0.00	103.73 -9.09 0.01	94.84 -7.91 2.65	49.62 -4.04 0.00	46.11 -3.12 0.00	47.68 -3.45 0.00	48.99 -3.11 0.00	60.36 -3.80 0.00	53.42 -3.40 0.00	56.26 -4.40 0.00	65.28 -5.22 0.00	62.12 -5.87 1.62	101.17 -10.23 8.80	84.02 -7.62 1.90	50.25 -4.72 4.16	64.03 -5.19 0.00	56.18 -4.43 0.00	55.34 -4.07 0.00	55.18 -4.04 0.00

HISHELDN_WT_PWR 323625	49.30 -4.24 0.03	50.64 -4.58 0.00	51.26 -4.82 0.00	50.62 -4.53 0.05	50.65 -4.58 0.00	52.27 -4.37 0.00	103.66 -9.16 0.00	96.63 -7.39 1.37	49.96 -3.69 0.00	46.23 -3.00 0.00	47.84 -3.30 0.00	48.96 -3.15 0.00	60.39 -3.77 0.00	53.15 -3.66 0.00	56.19 -4.46 0.00	66.17 -4.33 0.00	64.32 -4.44 0.85	107.72 -7.86 4.62	86.22 -6.33 1.00	52.69 -4.26 2.19	64.42 -4.80 0.00	57.15 -3.46 0.00	56.10 -3.31 0.00	56.15 -3.07 0.00
HOLTSVILLE_IC_1 23690	55.48 1.92 0.00	56.76 1.54 0.00	57.45 1.37 0.00	56.50 1.31 0.00	56.13 0.90 0.00	60.16 0.91 -2.60	103.63 1.14 10.34	91.91 1.03 14.51	34.67 0.73 19.72	37.57 0.99 12.65	51.80 1.74 1.07	54.12 2.01 0.00	68.08 1.77 -2.15	60.75 2.38 -1.56	73.24 1.88 -10.71	82.31 1.37 -10.43	85.19 1.93 -13.65	145.94 4.14 -21.60	112.43 2.81 -16.07	70.32 1.63 -9.56	83.20 1.80 -12.18	73.02 1.50 -10.92	69.97 2.10 -8.46	66.33 1.69 -5.42
HOLTSVILLE_IC_10 23699	55.72 2.16 0.00	56.99 1.77 0.00	57.69 1.61 0.00	56.72 1.53 0.00	56.34 1.11 0.00	59.92 1.15 -2.11	101.59 1.66 12.90	90.25 1.54 16.68	34.51 0.99 20.14	37.36 1.22 13.09	52.02 1.95 1.06	54.33 2.23 0.00	67.98 2.08 -1.75	60.79 2.71 -1.27	71.58 2.22 -8.70	80.76 1.77 -8.48	83.51 2.37 -11.53	142.69 4.93 -17.55	110.03 3.43 -13.06	68.91 2.01 -7.77	81.33 2.21 -9.90	71.83 1.85 -9.38	69.56 2.44 -7.71	65.56 2.00 -4.35
HOLTSVILLE_IC_2 23691	55.48 1.92 0.00	56.76 1.54 0.00	57.45 1.37 0.00	56.50 1.31 0.00	56.13 0.90 0.00	60.16 0.91 -2.60	103.63 1.14 10.34	91.91 1.03 14.51	34.67 0.73 19.72	37.57 0.99 12.65	51.80 1.74 1.07	54.12 2.01 0.00	68.08 1.77 -2.15	60.75 2.38 -1.56	73.24 1.88 -10.71	82.31 1.37 -10.43	85.19 1.93 -13.65	145.94 4.14 -21.60	112.43 2.81 -16.07	70.32 1.63 -9.56	83.20 1.80 -12.18	73.02 1.50 -10.92	69.97 2.10 -8.46	66.33 1.69 -5.42
HOLTSVILLE_IC_3 23692	55.48 1.92 0.00	56.76 1.54 0.00	57.45 1.37 0.00	56.50 1.31 0.00	56.13 0.90 0.00	60.16 0.91 -2.60	103.63 1.14 10.34	91.91 1.03 14.51	34.67 0.73 19.72	37.57 0.99 12.65	51.80 1.74 1.07	54.12 2.01 0.00	68.08 1.77 -2.15	60.75 2.38 -1.56	73.24 1.88 -10.71	82.31 1.37 -10.43	85.19 1.93 -13.65	145.94 4.14 -21.60	112.43 2.81 -16.07	70.32 1.63 -9.56	83.20 1.80 -12.18	73.02 1.50 -10.92	69.97 2.10 -8.46	66.33 1.69 -5.42
HOLTSVILLE_IC_4 23693	55.48 1.92 0.00	56.76 1.54 0.00	57.45 1.37 0.00	56.50 1.31 0.00	56.13 0.90 0.00	60.16 0.91 -2.60	103.63 1.14 10.34	91.91 1.03 14.51	34.67 0.73 19.72	37.57 0.99 12.65	51.80 1.74 1.07	54.12 2.01 0.00	68.08 1.77 -2.15	60.75 2.38 -1.56	73.24 1.88 -10.71	82.31 1.37 -10.43	85.19 1.93 -13.65	145.94 4.14 -21.60	112.43 2.81 -16.07	70.32 1.63 -9.56	83.20 1.80 -12.18	73.02 1.50 -10.92	69.97 2.10 -8.46	66.33 1.69 -5.42
HOLTSVILLE_IC_5 23694	55.48 1.92 0.00	56.76 1.54 0.00	57.45 1.37 0.00	56.50 1.31 0.00	56.13 0.90 0.00	60.16 0.91 -2.60	103.63 1.14 10.34	91.91 1.03 14.51	34.67 0.73 19.72	37.57 0.99 12.65	51.80 1.74 1.07	54.12 2.01 0.00	68.08 1.77 -2.15	60.75 2.38 -1.56	73.24 1.88 -10.71	82.31 1.37 -10.43	85.19 1.93 -13.65	145.94 4.14 -21.60	112.43 2.81 -16.07	70.32 1.63 -9.56	83.20 1.80 -12.18	73.02 1.50 -10.92	69.97 2.10 -8.46	66.33 1.69 -5.42
HOLTSVILLE_IC_6 23695	55.72 2.16 0.00	56.99 1.77 0.00	57.69 1.61 0.00	56.72 1.53 0.00	56.34 1.11 0.00	59.92 1.15 -2.11	101.59 1.66 12.90	90.25 1.54 16.68	34.51 0.99 20.14	37.36 1.22 13.09	52.02 1.95 1.06	54.33 2.23 0.00	67.98 2.08 -1.75	60.79 2.71 -1.27	71.58 2.22 -8.70	80.76 1.77 -8.48	83.51 2.37 -11.53	142.69 4.93 -17.55	110.03 3.43 -13.06	68.91 2.01 -7.77	81.33 2.21 -9.90	71.83 1.85 -9.38	69.56 2.44 -7.71	65.56 2.00 -4.35
HOLTSVILLE_IC_7 23696	55.72 2.16 0.00	56.99 1.77 0.00	57.69 1.61 0.00	56.72 1.53 0.00	56.34 1.11 0.00	59.92 1.15 -2.11	101.59 1.66 12.90	90.25 1.54 16.68	34.51 0.99 20.14	37.36 1.22 13.09	52.02 1.95 1.06	54.33 2.23 0.00	67.98 2.08 -1.75	60.79 2.71 -1.27	71.58 2.22 -8.70	80.76 1.77 -8.48	83.51 2.37 -11.53	142.69 4.93 -17.55	110.03 3.43 -13.06	68.91 2.01 -7.77	81.33 2.21 -9.90	71.83 1.85 -9.38	69.56 2.44 -7.71	65.56 2.00 -4.35
HOLTSVILLE_IC_8 23697	55.72 2.16 0.00	56.99 1.77 0.00	57.69 1.61 0.00	56.72 1.53 0.00	56.34 1.11 0.00	59.92 1.15 -2.11	101.59 1.66 12.90	90.25 1.54 16.68	34.51 0.99 20.14	37.36 1.22 13.09	52.02 1.95 1.06	54.33 2.23 0.00	67.98 2.08 -1.75	60.79 2.71 -1.27	71.58 2.22 -8.70	80.76 1.77 -8.48	83.51 2.37 -11.53	142.69 4.93 -17.55	110.03 3.43 -13.06	68.91 2.01 -7.77	81.33 2.21 -9.90	71.83 1.85 -9.38	69.56 2.44 -7.71	65.56 2.00 -4.35
HOLTSVILLE_IC_9 23698	55.72 2.16 0.00	56.99 1.77 0.00	57.69 1.61 0.00	56.72 1.53 0.00	56.34 1.11 0.00	59.92 1.15 -2.11	101.59 1.66 12.90	90.25 1.54 16.68	34.51 0.99 20.14	37.36 1.22 13.09	52.02 1.95 1.06	54.33 2.23 0.00	67.98 2.08 -1.75	60.79 2.71 -1.27	71.58 2.22 -8.70	80.76 1.77 -8.48	83.51 2.37 -11.53	142.69 4.93 -17.55	110.03 3.43 -13.06	68.91 2.01 -7.77	81.33 2.21 -9.90	71.83 1.85 -9.38	69.56 2.44 -7.71	65.56 2.00 -4.35
HOMER_HL_115KV_TB2 355744	50.69 -2.85 0.02	52.06 -3.16 0.00	52.67 -3.41 0.00	52.08 -3.07 0.04	52.21 -3.02 0.00	53.69 -2.96 0.00	106.09 -6.73 0.00	99.04 -5.27 1.08	50.89 -2.77 0.00	47.20 -2.03 0.00	49.00 -2.14 0.00	50.50 -1.61 0.00	62.25 -1.92 0.00	54.93 -1.89 0.00	57.66 -3.00 0.00	66.55 -3.96 0.00	64.24 -4.55 0.82	108.07 -7.65 4.48	86.46 -6.12 0.97	52.79 -4.22 2.12	64.47 -4.76 0.00	57.11 -3.50 0.00	56.09 -3.32 0.00	56.10 -3.12 0.00
HOWARD_WT_PWR 323690	48.23 -5.27 0.06	49.70 -5.51 0.00	50.38 -5.70 0.00	49.51 -5.57 0.11	49.96 -5.26 0.00	51.43 -5.22 0.00	101.97 -10.85 0.01	94.06 -8.22 3.11	49.95 -3.71 0.00	46.20 -3.02 0.00	47.39 -3.75 0.00	48.08 -4.02 0.00	59.66 -4.50 0.00	52.93 -3.88 0.00	56.50 -4.15 0.00	66.81 -3.69 0.00	64.14 -3.74 1.72	103.83 -6.99 9.38	86.33 -5.18 2.03	51.42 -3.27 4.44	65.72 -3.50 0.00	58.03 -2.57 0.00	57.14 -2.28 0.00	57.28 -1.94 0.00
HQ_GEN_CEDARS 23644	55.13 1.57 0.00	56.91 1.69 0.00	57.78 1.70 0.00	56.86 1.67 0.00	56.92 1.69 0.00	58.54 1.89 0.00	117.05 4.22 0.00	109.68 4.29 0.00	55.81 2.15 0.00	51.21 1.98 0.00	53.09 1.95 0.00	53.88 1.78 0.00	66.58 2.42 0.00	58.57 1.76 0.00	62.60 1.95 0.00	72.95 2.44 0.00	71.95 2.34 0.00	123.91 3.70 0.00	96.40 2.85 0.00	60.88 1.75 0.00	71.45 2.22 0.00	62.82 2.22 0.00	61.66 2.25 0.00	61.60 2.39 0.00
HQ_GEN_CEDARS_PROXY 323590	55.13 1.57 0.00	56.91 1.69 0.00	57.78 1.70 0.00	56.86 1.67 0.00	53.40 1.69 3.53	53.76 1.89 4.78	117.05 4.22 0.00	109.68 4.29 0.00	55.81 2.16 0.00	51.21 1.98 0.00	53.09 1.95 0.00	53.88 1.78 0.00	66.58 2.42 0.00	57.71 1.76 0.87	62.60 1.94 0.00	72.94 2.44 0.00	71.95 2.34 0.00	123.91 3.71 0.00	96.40 2.85 0.00	60.89 1.75 0.00	71.45 2.23 0.00	62.82 2.22 0.00	61.66 2.25 0.00	61.60 2.39 0.00

HQ_GEN_IMPORT 323601	54.10 0.53 0.00	55.81 0.60 0.00	56.67 0.59 0.00	55.75 0.56 0.00	55.80 0.57 0.00	57.30 0.65 0.00	114.36 1.54 0.00	106.98 1.58 0.00	54.46 0.80 0.00	50.00 0.78 0.00	51.92 0.78 0.00	52.74 0.63 0.00	65.13 0.97 0.00	57.63 0.66 -0.16	61.42 0.76 0.00	71.53 1.02 0.00	70.57 0.97 0.00	121.73 1.52 0.00	90.63 1.14 4.06	59.84 0.71 0.00	70.11 0.89 0.00	61.46 0.86 0.00	60.25 0.84 0.00	60.15 0.93 0.00
HQ_GEN_WHEEL 23651	54.10 0.53 0.00	55.81 0.60 0.00	56.67 0.59 0.00	55.75 0.56 0.00	55.80 0.57 0.00	57.30 0.65 0.00	114.36 1.54 0.00	106.98 1.58 0.00	54.46 0.80 0.00	50.00 0.78 0.00	51.92 0.78 0.00	52.74 0.63 0.00	65.13 0.97 0.00	57.63 0.66 -0.16	61.42 0.76 0.00	71.53 1.02 0.00	70.57 0.97 0.00	121.73 1.52 0.00	90.63 1.14 4.06	59.84 0.71 0.00	70.11 0.89 0.00	61.46 0.86 0.00	60.25 0.84 0.00	60.15 0.93 0.00
HUDSON AVE_GT_3 23810	55.73 2.17 0.00	56.96 1.74 0.00	57.68 1.60 0.00	56.77 1.57 0.00	56.76 1.53 0.00	58.28 1.64 0.00	116.32 3.49 0.00	108.72 3.33 0.00	55.57 1.91 0.00	51.28 2.05 0.00	53.58 2.44 0.00	54.75 2.65 0.00	67.02 2.86 0.00	59.67 2.85 0.00	63.25 2.59 0.00	72.77 2.27 0.00	72.08 2.47 0.00	124.68 4.47 0.00	96.71 3.16 0.00	60.98 1.85 0.00	71.32 2.10 0.00	62.46 1.86 0.00	61.48 2.07 0.00	61.10 1.88 0.00
HUDSON AVE_GT_4 23540	55.73 2.17 0.00	56.96 1.74 0.00	57.68 1.60 0.00	56.77 1.57 0.00	56.76 1.53 0.00	58.28 1.64 0.00	116.32 3.49 0.00	108.72 3.33 0.00	55.57 1.91 0.00	51.28 2.05 0.00	53.58 2.44 0.00	54.75 2.65 0.00	67.02 2.86 0.00	59.67 2.85 0.00	63.25 2.59 0.00	72.77 2.27 0.00	72.08 2.47 0.00	124.68 4.47 0.00	96.71 3.16 0.00	60.98 1.85 0.00	71.32 2.10 0.00	62.46 1.86 0.00	61.48 2.07 0.00	61.10 1.88 0.00
HUDSON AVE_GT_5 23657	55.73 2.17 0.00	56.96 1.74 0.00	57.68 1.60 0.00	56.77 1.57 0.00	56.76 1.53 0.00	58.28 1.64 0.00	116.32 3.49 0.00	108.72 3.33 0.00	55.57 1.91 0.00	51.28 2.05 0.00	53.58 2.44 0.00	54.75 2.65 0.00	67.02 2.86 0.00	59.67 2.85 0.00	63.25 2.59 0.00	72.77 2.27 0.00	72.08 2.47 0.00	124.68 4.47 0.00	96.71 3.16 0.00	60.98 1.85 0.00	71.32 2.10 0.00	62.46 1.86 0.00	61.48 2.07 0.00	61.10 1.88 0.00
HUDSON_AVE_10 24168	55.43 1.87 0.00	56.64 1.42 0.00	57.36 1.28 0.00	56.45 1.27 0.01	56.44 1.21 0.00	57.99 1.34 0.00	115.71 2.88 0.00	108.13 2.73 0.00	55.28 1.62 0.00	51.00 1.78 0.00	53.29 2.16 0.00	54.47 2.36 0.00	66.66 2.50 0.00	59.35 2.53 0.00	62.93 2.27 0.00	72.37 1.86 0.00	71.71 2.10 0.00	124.03 3.82 0.00	96.23 2.68 0.00	60.67 1.54 0.00	70.92 1.70 0.00	62.13 1.53 0.00	61.21 1.80 0.00	60.80 1.59 0.00
HUDSON___115KV_TB 4 355613	54.90 1.34 0.00	56.60 1.38 0.00	57.46 1.38 0.00	56.56 1.37 0.00	56.60 1.37 0.00	57.99 1.34 0.00	115.35 2.53 0.00	107.43 2.03 0.00	54.36 0.70 0.00	49.36 0.14 0.00	51.45 0.32 0.00	52.50 0.39 0.00	64.59 0.43 0.00	57.69 0.87 0.00	61.40 0.74 0.00	71.76 1.26 0.00	70.99 1.38 0.00	122.81 2.61 0.00	95.87 2.32 0.00	60.70 1.57 0.00	70.91 1.69 0.00	61.72 1.12 0.00	60.38 0.97 0.00	59.96 0.74 0.00
HUNTER MOUNT___DRP 323613	55.02 1.45 0.00	56.75 1.53 0.00	57.64 1.56 0.00	56.73 1.54 0.00	56.78 1.55 0.00	58.19 1.54 0.00	115.80 2.97 0.00	107.88 2.48 0.00	54.52 0.86 0.00	49.50 0.28 0.00	51.61 0.47 0.00	52.62 0.51 0.00	64.89 0.73 0.00	57.87 1.06 0.00	61.63 0.97 0.00	72.07 1.56 0.00	71.35 1.74 0.00	123.46 3.25 0.00	96.36 2.81 0.00	61.00 1.87 0.00	71.25 2.02 0.00	61.99 1.39 0.00	60.62 1.21 0.00	60.16 0.94 0.00
HUNTINGTON_RES_REC 323705	55.50 1.94 0.00	56.79 1.57 0.00	57.51 1.43 0.00	56.53 1.33 0.00	56.16 0.93 0.00	56.97 0.89 0.57	85.16 1.18 28.85	75.89 1.05 30.56	30.34 0.75 24.06	33.60 0.99 16.62	51.86 1.77 1.05	54.12 2.02 0.00	65.51 1.82 0.47	58.85 2.38 0.34	60.15 1.85 2.36	69.56 1.35 2.30	71.20 1.93 0.33	119.47 4.02 4.75	92.77 2.77 3.54	58.66 1.63 2.11	68.31 1.77 2.68	61.85 1.51 0.27	60.88 2.09 0.62	56.89 1.68 4.01
HUNTLEY___63 23557	49.98 -3.57 0.02	51.46 -3.76 0.00	51.99 -4.09 0.00	51.23 -3.94 0.03	51.24 -3.98 0.00	52.99 -3.66 0.00	104.95 -7.88 0.00	98.17 -6.37 0.85	50.44 -3.22 0.00	46.55 -2.68 0.00	48.36 -2.77 0.00	49.62 -2.49 0.00	61.09 -3.07 0.00	53.73 -3.08 0.00	56.62 -4.04 0.00	66.44 -4.07 0.00	64.78 -4.27 0.56	109.64 -7.52 3.05	86.59 -6.30 0.66	53.32 -4.37 1.44	64.04 -5.18 0.00	56.96 -3.64 0.00	55.90 -3.51 0.00	56.00 -3.21 0.00
HUNTLEY___64 23558	49.98 -3.57 0.02	51.46 -3.76 0.00	51.99 -4.09 0.00	51.23 -3.94 0.03	51.24 -3.98 0.00	52.99 -3.66 0.00	104.95 -7.88 0.00	98.17 -6.37 0.85	50.44 -3.22 0.00	46.55 -2.68 0.00	48.36 -2.77 0.00	49.62 -2.49 0.00	61.09 -3.07 0.00	53.73 -3.08 0.00	56.62 -4.04 0.00	66.44 -4.07 0.00	64.78 -4.27 0.56	109.64 -7.52 3.05	86.59 -6.30 0.66	53.32 -4.37 1.44	64.04 -5.18 0.00	56.96 -3.64 0.00	55.90 -3.51 0.00	56.00 -3.21 0.00
HUNTLEY___65 23559	49.98 -3.57 0.02	51.46 -3.76 0.00	51.99 -4.09 0.00	51.23 -3.94 0.03	51.24 -3.98 0.00	52.99 -3.66 0.00	104.95 -7.88 0.00	98.17 -6.37 0.85	50.44 -3.22 0.00	46.55 -2.68 0.00	48.36 -2.77 0.00	49.62 -2.49 0.00	61.09 -3.07 0.00	53.73 -3.08 0.00	56.62 -4.04 0.00	66.44 -4.07 0.00	64.78 -4.27 0.56	109.64 -7.52 3.05	86.59 -6.30 0.66	53.32 -4.37 1.44	64.04 -5.18 0.00	56.96 -3.64 0.00	55.90 -3.51 0.00	56.00 -3.21 0.00
HUNTLEY___66 23560	49.98 -3.57 0.02	51.46 -3.76 0.00	51.99 -4.09 0.00	51.23 -3.94 0.03	51.24 -3.98 0.00	52.99 -3.66 0.00	104.95 -7.88 0.00	98.17 -6.37 0.85	50.44 -3.22 0.00	46.55 -2.68 0.00	48.36 -2.77 0.00	49.62 -2.49 0.00	61.09 -3.07 0.00	53.73 -3.08 0.00	56.62 -4.04 0.00	66.44 -4.07 0.00	64.78 -4.27 0.56	109.64 -7.52 3.05	86.59 -6.30 0.66	53.32 -4.37 1.44	64.04 -5.18 0.00	56.96 -3.64 0.00	55.90 -3.51 0.00	56.00 -3.21 0.00
HUNTLEY___67 23561	49.71 -3.83 0.02	51.23 -3.99 0.00	51.77 -4.31 0.00	51.03 -4.14 0.03	51.05 -4.18 0.00	52.76 -3.88 0.00	104.53 -8.30 0.00	97.74 -6.80 0.86	50.23 -3.43 0.00	46.39 -2.84 0.00	48.19 -2.95 0.00	49.38 -2.72 0.00	60.84 -3.32 0.00	53.52 -3.30 0.00	56.41 -4.25 0.00	66.16 -4.34 0.00	64.52 -4.52 0.57	109.23 -7.89 3.09	86.35 -6.53 0.67	53.16 -4.51 1.46	63.93 -5.30 0.00	56.77 -3.83 0.00	55.68 -3.73 0.00	55.77 -3.44 0.00
HUNTLEY___68 23562	49.71 -3.83 0.02	51.23 -3.99 0.00	51.77 -4.31 0.00	51.03 -4.14 0.03	51.05 -4.18 0.00	52.76 -3.88 0.00	104.53 -8.30 0.00	97.74 -6.80 0.86	50.23 -3.43 0.00	46.39 -2.84 0.00	48.19 -2.95 0.00	49.38 -2.72 0.00	60.84 -3.32 0.00	53.52 -3.30 0.00	56.41 -4.25 0.00	66.16 -4.34 0.00	64.52 -4.52 0.57	109.23 -7.89 3.09	86.35 -6.53 0.67	53.16 -4.51 1.46	63.93 -5.30 0.00	56.77 -3.83 0.00	55.68 -3.73 0.00	55.77 -3.44 0.00

HYLAND___LFGE 323620	52.91 -0.62 0.03	54.39 -0.83 0.00	55.01 -1.07 0.00	54.21 -0.93 0.06	54.44 -0.78 0.00	56.32 -0.33 0.00	112.57 -0.25 0.00	104.81 1.06 1.64	53.54 -0.11 0.00	48.65 -0.57 0.00	49.89 -1.25 0.00	51.09 -1.02 0.00	63.31 -0.85 0.00	56.45 -0.37 0.00	60.29 -0.37 0.00	71.08 0.58 0.00	69.50 0.85 0.97	116.77 1.84 5.27	93.68 1.27 1.14	57.31 0.67 2.49	70.08 0.86 0.00	61.75 1.15 0.00	60.35 0.94 0.00	60.11 0.89 0.00
INDECK___CORINTH 23802	54.69 1.12 0.00	56.56 1.35 0.00	57.27 1.19 0.00	56.29 1.10 0.00	56.36 1.13 0.00	57.97 1.32 0.00	115.27 2.45 0.00	107.33 1.94 0.00	54.75 1.10 0.00	49.68 0.46 0.00	51.37 0.23 0.00	52.52 0.41 0.00	64.90 0.74 0.00	57.76 0.94 0.00	62.07 1.41 0.00	72.31 1.80 0.00	71.31 1.70 0.00	123.38 3.17 0.00	96.64 3.10 0.00	61.01 1.87 0.00	71.15 1.93 0.00	61.83 1.23 0.00	60.77 1.36 0.00	60.37 1.15 0.00
INDECK___ILION 23567	54.88 1.31 0.00	56.49 1.27 0.00	57.38 1.30 0.00	56.52 1.32 0.00	56.58 1.36 0.00	58.06 1.41 0.00	115.60 2.78 0.00	107.70 2.30 0.00	54.41 0.76 0.00	49.79 0.56 0.00	51.83 0.70 0.00	52.92 0.82 0.00	65.05 0.89 0.00	57.86 1.04 0.00	61.42 0.76 0.00	71.46 0.95 0.00	70.92 1.32 0.00	123.04 2.84 0.00	96.01 2.46 0.00	60.71 1.58 0.00	71.00 1.77 0.00	62.11 1.51 0.00	60.89 1.48 0.00	60.51 1.30 0.00
INDECK___OLEAN 23982	50.69 -2.86 0.02	52.06 -3.16 0.00	52.67 -3.40 0.00	52.07 -3.08 0.04	52.19 -3.03 0.00	53.69 -2.96 0.00	106.12 -6.70 0.00	99.05 -5.26 1.08	50.88 -2.78 0.00	47.21 -2.02 0.00	48.99 -2.15 0.00	50.49 -1.61 0.00	62.26 -1.90 0.00	54.92 -1.90 0.00	57.64 -3.01 0.00	66.55 -3.96 0.00	64.24 -4.55 0.82	108.04 -7.68 4.48	86.45 -6.13 0.97	52.79 -4.22 2.12	64.46 -4.76 0.00	57.10 -3.50 0.00	56.06 -3.35 0.00	56.10 -3.12 0.00
INDECK___OSWEGO 23783	51.43 -2.14 0.00	53.01 -2.21 0.00	53.84 -2.23 0.00	53.03 -2.16 0.00	53.07 -2.16 0.00	54.48 -2.17 0.00	108.57 -7.76 0.00	101.45 -3.94 0.00	51.67 -1.99 0.00	47.31 -1.92 0.00	49.05 -2.09 0.00	49.99 -2.12 0.00	61.51 -2.65 0.00	54.48 -2.34 0.00	58.23 -2.43 0.00	67.85 -2.66 0.00	67.02 -2.59 0.00	115.78 -4.43 0.00	90.02 -3.53 0.00	56.94 -2.20 0.00	66.61 -2.61 0.00	58.29 -2.31 0.00	57.12 -2.29 0.00	56.91 -2.30 0.00
INDECK___YERKES 23781	50.00 -3.55 0.02	51.49 -3.73 0.00	52.02 -4.06 0.00	51.25 -3.91 0.03	51.26 -3.96 0.00	53.02 -3.63 0.00	105.06 -7.76 0.00	98.27 -6.27 0.85	50.46 -3.20 0.00	46.60 -2.63 0.00	48.40 -2.74 0.00	49.65 -2.46 0.00	61.16 -3.00 0.00	53.76 -3.06 0.00	56.66 -4.00 0.00	66.50 -4.00 0.00	64.83 -4.22 0.56	109.73 -7.43 3.05	86.64 -6.25 0.66	53.35 -4.34 1.44	64.09 -5.13 0.00	57.00 -3.60 0.00	55.94 -3.47 0.00	56.04 -3.18 0.00
INDIAN POINT_GT_1 24139	55.38 1.82 0.00	56.69 1.47 0.00	57.48 1.40 0.00	56.57 1.38 0.00	56.56 1.34 0.00	58.08 1.43 0.00	115.75 2.93 0.00	108.10 2.71 0.00	55.16 1.51 0.00	50.79 1.57 0.00	53.02 1.89 0.00	54.18 2.07 0.00	66.42 2.26 0.00	59.11 2.30 0.00	62.76 2.10 0.00	72.27 1.76 0.00	71.52 1.92 0.00	123.73 3.53 0.00	96.05 2.50 0.00	60.58 1.45 0.00	70.88 1.66 0.00	62.04 1.44 0.00	61.04 1.63 0.00	60.68 1.46 0.00
INDIAN POINT_GT_2 23659	55.38 1.82 0.00	56.69 1.47 0.00	57.48 1.40 0.00	56.57 1.38 0.00	56.56 1.34 0.00	58.08 1.43 0.00	115.75 2.93 0.00	108.10 2.71 0.00	55.16 1.51 0.00	50.79 1.57 0.00	53.02 1.89 0.00	54.18 2.07 0.00	66.42 2.26 0.00	59.11 2.30 0.00	62.76 2.10 0.00	72.27 1.76 0.00	71.52 1.92 0.00	123.73 3.53 0.00	96.05 2.50 0.00	60.58 1.45 0.00	70.88 1.66 0.00	62.04 1.44 0.00	61.04 1.63 0.00	60.68 1.46 0.00
INDIAN POINT_GT_3 24019	55.38 1.82 0.00	56.69 1.47 0.00	57.48 1.40 0.00	56.57 1.38 0.00	56.56 1.34 0.00	58.08 1.43 0.00	115.75 2.93 0.00	108.10 2.71 0.00	55.16 1.51 0.00	50.79 1.57 0.00	53.02 1.89 0.00	54.18 2.07 0.00	66.42 2.26 0.00	59.11 2.30 0.00	62.76 2.10 0.00	72.27 1.76 0.00	71.52 1.92 0.00	123.73 3.53 0.00	96.05 2.50 0.00	60.58 1.45 0.00	70.88 1.66 0.00	62.04 1.44 0.00	61.04 1.63 0.00	60.68 1.46 0.00
INDIAN POINT___2 23530	55.35 1.79 0.00	56.67 1.45 0.00	57.46 1.38 0.00	56.55 1.36 0.00	56.55 1.32 0.00	58.06 1.41 0.00	115.71 2.89 0.00	108.08 2.68 0.00	55.14 1.48 0.00	50.75 1.52 0.00	52.99 1.86 0.00	54.14 2.04 0.00	66.39 2.23 0.00	59.09 2.28 0.00	62.72 2.07 0.00	72.21 1.70 0.00	71.49 1.88 0.00	123.62 3.41 0.00	95.94 2.40 0.00	60.52 1.39 0.00	70.83 1.61 0.00	61.99 1.39 0.00	60.98 1.57 0.00	60.65 1.44 0.00
INDIAN POINT___3 23531	55.39 1.82 0.00	56.69 1.47 0.00	57.48 1.40 0.00	56.58 1.38 0.00	56.56 1.34 0.00	58.07 1.42 0.00	115.71 2.88 0.00	108.09 2.69 0.00	55.14 1.48 0.00	50.79 1.57 0.00	53.02 1.89 0.00	54.18 2.07 0.00	66.40 2.24 0.00	59.10 2.29 0.00	62.74 2.08 0.00	72.23 1.73 0.00	71.50 1.89 0.00	123.68 3.47 0.00	96.00 2.46 0.00	60.56 1.43 0.00	70.87 1.65 0.00	62.02 1.42 0.00	61.03 1.62 0.00	60.68 1.46 0.00
INGHAM_C_115KV_TB7 356103	56.67 3.11 0.00	58.26 3.05 0.00	59.16 3.08 0.00	58.32 3.12 0.00	58.38 3.16 0.00	59.99 3.34 0.00	119.44 6.61 0.00	110.82 5.43 0.00	55.37 1.71 0.00	50.47 1.25 0.00	52.68 1.55 0.00	53.92 1.82 0.00	66.25 2.09 0.00	59.25 2.44 0.00	62.60 1.94 0.00	72.98 2.48 0.00	72.80 3.19 0.00	126.81 6.61 0.00	99.22 5.68 0.00	62.76 3.63 0.00	73.36 4.13 0.00	64.15 3.55 0.00	62.89 3.48 0.00	62.35 3.13 0.00
IP CORINTH___1 23988	54.96 1.40 0.00	56.86 1.64 0.00	57.56 1.48 0.00	56.58 1.39 0.00	56.64 1.41 0.00	58.27 1.62 0.00	115.91 3.08 0.00	107.93 2.53 0.00	55.07 1.41 0.00	49.94 0.72 0.00	51.63 0.50 0.00	52.79 0.69 0.00	65.25 1.09 0.00	58.07 1.26 0.00	62.40 1.74 0.00	72.70 2.20 0.00	71.70 2.09 0.00	124.07 3.86 0.00	97.16 3.62 0.00	61.35 2.22 0.00	71.55 2.33 0.00	62.17 1.56 0.00	61.09 1.68 0.00	60.68 1.46 0.00
IP___TICONDEROGA 23804	56.93 3.37 0.00	59.46 4.24 0.00	59.65 3.57 0.00	58.75 3.56 0.00	58.80 3.57 0.00	60.86 4.21 0.00	121.91 9.08 0.00	113.59 8.20 0.00	58.29 4.63 0.00	52.27 3.04 0.00	53.35 2.22 0.00	54.85 2.74 0.00	67.89 3.72 0.00	61.15 4.34 0.00	66.31 5.65 0.00	77.64 7.13 0.00	76.04 6.43 0.00	131.29 11.08 0.00	103.92 10.37 0.00	65.01 5.88 0.00	74.86 5.64 0.00	64.64 4.04 0.00	63.86 4.46 0.00	63.38 4.17 0.00
ISLIP_RES_REC 323679	55.94 2.37 0.00	57.18 1.96 0.00	57.89 1.81 0.00	56.91 1.72 0.00	56.54 1.31 0.00	60.09 1.39 -2.05	101.99 2.21 13.06	90.71 2.08 16.76	34.90 1.26 20.02	37.65 1.45 13.03	52.24 2.15 1.05	54.54 2.44 0.00	68.23 2.37 -1.69	61.07 3.03 -1.23	71.63 2.53 -8.44	80.89 2.16 -8.22	83.65 2.79 -11.26	142.87 5.65 -17.01	110.17 3.96 -12.66	69.00 2.34 -7.53	81.40 2.58 -9.60	72.05 2.15 -9.29	70.19 2.72 -8.06	65.94 2.27 -4.46

JAMAICA__27_KV_LOAD 355505	55.52 1.95 0.00	56.68 1.46 0.00	57.38 1.30 0.00	56.47 1.28 0.01	56.47 1.24 0.00	58.02 1.37 0.00	115.84 3.02 0.00	108.27 2.87 0.00	55.33 1.67 0.00	51.05 1.82 0.00	53.30 2.17 0.00	54.49 2.38 0.00	66.69 2.53 0.00	59.40 2.59 0.00	62.98 2.32 0.00	72.43 1.92 0.00	71.84 2.23 0.00	124.25 4.04 0.00	96.39 2.85 0.00	60.78 1.64 0.00	71.04 1.82 0.00	62.27 1.66 0.00	61.47 2.06 0.00	60.99 1.78 0.00
JANIS__SOLAR 323808	54.55 0.94 -0.04	56.15 0.93 0.00	57.00 0.93 0.00	56.47 1.21 -0.07	56.57 1.34 0.00	58.21 1.56 0.00	116.72 3.89 -0.01	112.68 4.59 -2.69	55.55 1.89 0.00	50.21 0.98 0.00	51.48 0.34 0.00	52.93 0.82 0.00	65.32 1.16 0.00	57.94 1.13 0.00	62.41 1.75 0.00	72.60 2.10 0.00	73.58 2.68 -1.29	132.34 5.13 -7.00	98.99 3.93 -1.51	64.43 1.98 -3.31	71.43 2.21 0.00	62.45 1.85 0.00	61.08 1.67 0.00	60.87 1.65 0.00
JARVIS____ 23743	53.58 0.02 0.00	55.22 0.00 0.00	56.12 0.04 0.00	55.25 0.06 0.00	55.28 0.05 0.00	56.66 0.01 0.00	112.71 -0.11 0.00	105.19 -0.21 0.00	53.58 -0.08 0.00	49.13 -0.10 0.00	51.04 -0.10 0.00	52.06 -0.05 0.00	63.99 -0.17 0.00	56.73 -0.08 0.00	60.58 -0.08 0.00	70.41 -0.10 0.00	69.52 -0.09 0.00	120.08 -0.12 0.00	93.51 -0.04 0.00	59.13 0.00 0.00	69.21 -0.02 0.00	60.55 -0.05 0.00	59.36 -0.05 0.00	59.11 -0.10 0.00
JENNISON____1 23625	53.70 0.13 -0.01	55.31 0.09 0.00	56.21 0.12 0.00	55.98 0.77 -0.02	56.29 1.06 0.00	57.66 1.01 0.00	115.97 3.14 0.00	109.44 3.44 -0.61	55.20 1.54 0.00	50.49 1.26 0.00	51.63 0.50 0.00	53.10 0.99 0.00	65.24 1.08 0.00	57.93 1.12 0.00	62.04 1.38 0.00	71.91 1.40 0.00	71.84 1.96 -0.27	125.41 3.72 -1.48	96.33 2.47 -0.32	61.19 1.36 -0.70	70.68 1.46 0.00	61.63 1.03 0.00	60.49 1.08 0.00	60.49 1.28 0.00
JENNISON____2 23626	53.70 0.13 -0.01	55.31 0.09 0.00	56.21 0.12 0.00	55.98 0.77 -0.02	56.29 1.06 0.00	57.66 1.01 0.00	115.97 3.14 0.00	109.44 3.44 -0.61	55.20 1.54 0.00	50.49 1.26 0.00	51.63 0.50 0.00	53.10 0.99 0.00	65.24 1.08 0.00	57.93 1.12 0.00	62.04 1.38 0.00	71.91 1.40 0.00	71.84 1.96 -0.27	125.41 3.72 -1.48	96.33 2.47 -0.32	61.19 1.36 -0.70	70.68 1.46 0.00	61.63 1.03 0.00	60.49 1.08 0.00	60.49 1.28 0.00
JERICOHO_RISE_WT_PWR 323719	54.25 0.69 0.00	55.92 0.71 0.00	56.79 0.71 0.00	55.84 0.65 0.00	55.99 0.76 0.00	57.55 0.91 0.00	115.40 2.57 0.00	108.17 2.77 0.00	55.01 1.35 0.00	50.48 1.25 0.00	52.29 1.15 0.00	53.15 1.04 0.00	65.67 1.51 0.00	57.91 1.10 0.00	61.77 1.11 0.00	72.10 1.59 0.00	71.07 1.47 0.00	122.54 2.34 0.00	95.41 1.86 0.00	60.24 1.11 0.00	70.60 1.38 0.00	61.93 1.33 0.00	60.85 1.44 0.00	61.00 1.79 0.00
KATONAH__115KV_46KV_TB4 355592	55.64 2.07 0.00	56.96 1.74 0.00	57.73 1.64 0.00	56.81 1.61 0.00	56.82 1.59 0.00	58.35 1.70 0.00	116.33 3.51 0.00	108.71 3.31 0.00	55.45 1.80 0.00	51.04 1.82 0.00	53.32 2.18 0.00	54.48 2.37 0.00	66.77 2.61 0.00	59.43 2.61 0.00	63.11 2.45 0.00	72.68 2.18 0.00	71.99 2.38 0.00	124.56 4.36 0.00	96.69 3.15 0.00	61.01 1.88 0.00	71.34 2.11 0.00	62.44 1.83 0.00	61.36 1.95 0.00	60.97 1.76 0.00
KCE_NY_1 323755	55.19 1.62 0.00	56.98 1.76 0.00	57.87 1.79 0.00	56.80 1.61 0.00	56.85 1.62 0.00	58.37 1.73 0.00	115.98 3.15 0.00	107.95 2.56 0.00	54.97 1.31 0.00	50.06 0.83 0.00	51.90 0.76 0.00	53.00 0.89 0.00	65.43 1.27 0.00	58.11 1.30 0.00	62.32 1.67 0.00	72.59 2.08 0.00	71.55 1.94 0.00	123.98 3.77 0.00	96.92 3.37 0.00	61.34 2.21 0.00	71.67 2.45 0.00	62.27 1.67 0.00	61.05 1.64 0.00	60.65 1.44 0.00
KCE_NY_6_ESR 323823	50.12 -3.43 0.02	51.63 -3.59 0.00	52.19 -3.89 0.00	51.47 -3.70 0.03	51.44 -3.79 0.00	53.25 -3.40 0.00	105.71 -7.11 0.00	98.83 -5.61 0.96	50.78 -2.88 0.00	46.93 -2.30 0.00	48.68 -2.45 0.00	49.93 -2.18 0.00	61.55 -2.61 0.00	54.07 -2.74 0.00	57.05 -3.61 0.00	66.99 -3.51 0.00	65.26 -3.71 0.64	110.20 -6.53 3.47	87.30 -5.50 0.75	53.69 -3.79 1.64	64.79 -4.43 0.00	57.45 -3.15 0.00	56.36 -3.05 0.00	56.35 -2.86 0.00
KEDC PORT_JEFF_GT2 24210	55.55 1.99 0.00	56.82 1.60 0.00	57.51 1.43 0.00	56.54 1.34 0.00	56.14 0.91 0.00	59.54 0.88 -2.01	100.18 1.01 13.65	88.93 0.89 17.35	33.94 0.69 20.41	36.93 1.01 13.30	51.87 1.80 1.07	54.20 2.09 0.00	67.69 1.86 -1.66	60.49 2.47 -1.20	70.82 1.88 -8.28	79.89 1.32 -8.06	82.62 1.95 -11.06	141.07 4.17 -16.69	108.83 2.86 -12.42	68.15 1.64 -7.39	80.43 1.79 -9.41	71.05 1.53 -8.92	68.65 2.16 -7.08	64.82 1.77 -3.84
KEDC PORT_JEFF_GT3 24211	55.55 1.99 0.00	56.82 1.60 0.00	57.51 1.43 0.00	56.54 1.34 0.00	56.14 0.91 0.00	59.54 0.88 -2.01	100.18 1.01 13.65	88.93 0.89 17.35	33.94 0.69 20.41	36.93 1.01 13.30	51.87 1.80 1.07	54.20 2.09 0.00	67.69 1.86 -1.66	60.49 2.47 -1.20	70.82 1.88 -8.28	79.89 1.32 -8.06	82.62 1.95 -11.06	141.07 4.17 -16.69	108.83 2.86 -12.42	68.15 1.64 -7.39	80.43 1.79 -9.41	71.05 1.53 -8.92	68.65 2.16 -7.08	64.82 1.77 -3.84
KEDC_GLWD_GT4 24219	55.86 2.30 0.00	57.15 1.93 0.00	57.90 1.82 0.00	56.96 1.77 0.00	56.83 1.60 0.00	58.32 1.67 0.00	108.21 3.17 7.79	99.91 2.96 8.45	48.25 1.70 7.11	46.19 1.82 4.86	53.18 2.37 0.32	54.72 2.62 0.00	66.95 2.79 0.00	59.74 2.92 0.00	63.30 2.64 0.00	72.78 2.27 0.00	75.95 2.56 -3.78	124.96 4.75 0.00	96.94 3.39 0.00	61.18 2.05 0.00	71.56 2.34 0.00	71.72 2.05 -9.07	87.51 2.39 -25.71	72.02 2.11 -10.70
KEDC_GLWD_GT5 24220	55.86 2.30 0.00	57.15 1.93 0.00	57.90 1.82 0.00	56.96 1.77 0.00	56.83 1.60 0.00	58.32 1.67 0.00	108.21 3.17 7.79	99.91 2.96 8.45	48.25 1.70 7.11	46.19 1.82 4.86	53.18 2.37 0.32	54.72 2.62 0.00	66.95 2.79 0.00	59.74 2.92 0.00	63.30 2.64 0.00	72.78 2.27 0.00	75.95 2.56 -3.78	124.96 4.75 0.00	96.94 3.39 0.00	61.18 2.05 0.00	71.56 2.34 0.00	71.72 2.05 -9.07	87.51 2.39 -25.71	72.02 2.11 -10.70
KENSICO____ 23655	55.51 1.94 0.00	56.80 1.58 0.00	57.57 1.49 0.00	56.66 1.47 0.00	56.65 1.42 0.00	58.15 1.50 0.00	115.90 3.07 0.00	108.25 2.85 0.00	55.26 1.60 0.00	50.89 1.67 0.00	53.16 2.02 0.00	54.33 2.22 0.00	66.56 2.40 0.00	59.26 2.44 0.00	62.89 2.23 0.00	72.41 1.90 0.00	71.68 2.08 0.00	123.99 3.78 0.00	96.24 2.70 0.00	60.72 1.59 0.00	71.05 1.83 0.00	62.18 1.57 0.00	61.17 1.75 0.00	60.80 1.59 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	55.80 2.23 0.00	57.17 1.95 0.00	58.02 1.94 0.00	57.11 1.92 0.00	57.15 1.93 0.00	58.68 2.03 0.00	117.11 4.29 0.00	109.50 4.10 0.00	55.75 2.10 0.00	51.40 2.17 0.00	53.52 2.38 0.00	54.75 2.64 0.00	67.14 2.98 0.00	59.75 2.94 0.00	63.62 2.97 0.00	73.35 2.84 0.00	72.63 3.03 0.00	125.68 5.48 0.00	97.61 4.06 0.00	61.57 2.43 0.00	72.02 2.79 0.00	62.99 2.39 0.00	61.85 2.44 0.00	61.45 2.24 0.00

KIAC_JFK_GT1 23816	55.18 1.61 0.00	56.38 1.16 0.00	57.08 1.00 0.00	56.16 0.97 0.01	56.16 0.94 0.00	57.62 0.97 0.00	114.69 1.87 0.00	107.17 1.78 0.00	54.79 1.13 0.00	50.55 1.33 0.00	52.81 1.67 0.00	53.96 1.86 0.00	66.05 1.88 0.00	58.82 2.01 0.00	62.38 1.72 0.00	71.72 1.22 0.00	71.13 1.52 0.00	122.99 2.79 0.00	95.42 1.87 0.00	60.16 1.03 0.00	70.34 1.12 0.00	61.65 1.05 0.00	61.08 1.67 0.00	60.65 1.43 0.00
KIAC_JFK_GT2 23817	55.18 1.61 0.00	56.38 1.16 0.00	57.08 1.00 0.00	56.16 0.97 0.01	56.16 0.94 0.00	57.62 0.97 0.00	114.69 1.87 0.00	107.17 1.78 0.00	54.79 1.13 0.00	50.55 1.33 0.00	52.81 1.67 0.00	53.96 1.86 0.00	66.05 1.88 0.00	58.82 2.01 0.00	62.38 1.72 0.00	71.72 1.22 0.00	71.13 1.52 0.00	122.99 2.79 0.00	95.42 1.87 0.00	60.16 1.03 0.00	70.34 1.12 0.00	61.65 1.05 0.00	61.08 1.67 0.00	60.65 1.43 0.00
KIAC_JFK____ 323774	55.18 1.62 0.00	56.38 1.16 0.00	57.09 1.01 0.00	56.18 0.99 0.01	56.16 0.94 0.00	57.62 0.97 0.00	114.68 1.85 0.00	107.15 1.76 0.00	54.79 1.13 0.00	50.54 1.31 0.00	52.81 1.67 0.00	53.97 1.86 0.00	66.04 1.88 0.00	58.82 2.01 0.00	62.38 1.72 0.00	71.72 1.22 0.00	71.13 1.52 0.00	122.99 2.79 0.00	95.42 1.87 0.00	60.17 1.04 0.00	70.34 1.12 0.00	61.65 1.05 0.00	61.08 1.67 0.00	60.65 1.43 0.00
KINTIGH__24_KV_GSU 356498	50.14 -3.42 0.01	51.67 -3.55 0.00	52.24 -3.84 0.00	51.45 -3.72 0.02	51.48 -3.74 0.00	53.14 -3.51 0.00	105.31 -7.51 0.00	98.52 -6.24 0.63	50.49 -3.16 0.00	46.59 -2.64 0.00	48.42 -2.72 0.00	49.62 -2.48 0.00	61.28 -2.88 0.00	53.92 -2.89 0.00	56.94 -3.72 0.00	66.63 -3.88 0.00	65.19 -4.00 0.42	110.96 -6.99 2.26	87.25 -5.81 0.49	54.02 -4.04 1.07	64.46 -4.76 0.00	57.13 -3.47 0.00	55.99 -3.42 0.00	56.05 -3.17 0.00
KINTIGH____ 23543	50.14 -3.41 0.01	51.67 -3.55 0.00	52.24 -3.84 0.00	51.46 -3.72 0.02	51.50 -3.73 0.00	53.14 -3.51 0.00	105.29 -7.53 0.00	98.50 -6.26 0.63	50.50 -3.16 0.00	46.58 -2.65 0.00	48.41 -2.73 0.00	49.62 -2.49 0.00	61.21 -2.95 0.00	53.90 -2.91 0.00	56.92 -3.74 0.00	66.58 -3.93 0.00	65.16 -4.03 0.42	110.89 -7.06 2.26	87.21 -5.85 0.49	53.99 -4.07 1.07	64.43 -4.79 0.00	57.11 -3.50 0.00	55.96 -3.45 0.00	56.03 -3.19 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	54.85 1.29 0.00	56.47 1.26 0.00	57.30 1.23 0.00	56.29 1.10 0.00	56.39 1.16 0.00	57.85 1.20 0.00	116.35 3.52 0.00	109.13 3.74 0.00	55.50 1.84 0.00	50.84 1.61 0.00	52.49 1.35 0.00	53.46 1.36 0.00	66.15 1.99 0.00	58.35 1.54 0.00	62.07 1.42 0.00	72.54 2.03 0.00	71.53 1.93 0.00	123.45 3.24 0.00	96.24 2.70 0.00	60.68 1.54 0.00	71.06 1.84 0.00	62.34 1.74 0.00	61.37 1.96 0.00	61.64 2.43 0.00
LACHUTE____HYDRO 323717	56.93 3.36 0.00	59.46 4.24 0.00	59.65 3.57 0.00	58.75 3.56 0.00	58.80 3.57 0.00	60.86 4.21 0.00	121.90 9.07 0.00	113.59 8.20 0.00	58.28 4.63 0.00	52.27 3.04 0.00	53.35 2.21 0.00	54.85 2.74 0.00	67.89 3.73 0.00	61.15 4.34 0.00	66.31 5.65 0.00	77.64 7.13 0.00	76.04 6.43 0.00	131.29 11.08 0.00	103.92 10.37 0.00	65.01 5.88 0.00	74.86 5.64 0.00	64.64 4.04 0.00	63.86 4.45 0.00	63.38 4.17 0.00
LAWRNCV_115KV_TB1 80681	55.02 1.46 0.00	56.82 1.60 0.00	57.72 1.64 0.00	56.83 1.64 0.00	56.93 1.70 0.00	58.59 1.94 0.00	117.29 4.46 0.00	110.05 4.65 0.00	55.98 2.33 0.00	51.28 2.05 0.00	53.07 1.93 0.00	53.80 1.70 0.00	66.50 2.34 0.00	58.36 1.54 0.00	62.39 1.73 0.00	72.59 2.09 0.00	71.47 1.86 0.00	122.89 2.68 0.00	95.56 2.01 0.00	60.48 1.35 0.00	71.19 1.97 0.00	62.81 2.21 0.00	61.79 2.38 0.00	61.74 2.52 0.00
LEDERLE____ 23769	55.72 2.16 0.00	57.02 1.80 0.00	57.80 1.72 0.00	56.89 1.69 0.00	56.89 1.66 0.00	58.43 1.78 0.00	116.52 3.69 0.00	108.89 3.49 0.00	55.52 1.87 0.00	51.15 1.92 0.00	53.38 2.25 0.00	54.55 2.45 0.00	66.90 2.73 0.00	59.52 2.71 0.00	63.19 2.53 0.00	72.74 2.24 0.00	72.00 2.39 0.00	124.54 4.34 0.00	96.65 3.11 0.00	60.94 1.81 0.00	71.31 2.09 0.00	62.41 1.80 0.00	61.38 1.97 0.00	61.06 1.84 0.00
LIGHTHSE_115KV_TB6 355974	52.10 -1.46 0.00	53.82 -1.40 0.00	54.77 -1.31 0.00	54.04 -1.15 0.00	54.17 -1.06 0.00	55.69 -0.96 0.00	111.20 -1.63 0.00	104.24 -1.15 0.00	53.00 -0.66 0.00	48.39 -0.84 0.00	49.93 -1.20 0.00	50.65 -1.46 0.00	62.18 -1.98 0.00	54.86 -1.95 0.00	59.11 -1.54 0.00	69.41 -1.09 0.00	68.78 -0.83 0.00	118.95 -1.25 0.00	92.22 -1.32 0.00	58.24 -0.89 0.00	68.28 -0.94 0.00	59.62 -0.99 0.00	58.50 -0.91 0.00	58.27 -0.95 0.00
LINDEN COGEN____ 23786	40.34 1.85 15.07	31.41 1.38 25.18	31.27 1.24 26.05	31.27 1.22 25.15	31.27 1.18 25.14	40.91 1.31 17.04	114.94 2.78 0.67	92.61 2.63 15.41	32.69 1.54 22.51	40.80 1.69 10.11	41.44 2.08 11.78	41.44 2.27 12.94	46.17 2.38 20.37	41.75 2.44 17.50	41.44 2.17 21.39	55.16 1.78 17.12	54.47 1.99 17.13	106.99 3.67 16.89	79.04 2.56 17.06	42.87 1.45 17.71	43.35 1.65 27.52	32.53 1.47 29.55	31.95 1.66 29.12	36.69 1.48 24.00
LINDHRST_69_KV_BK1 356055	56.25 2.68 0.00	57.55 2.33 0.00	58.27 2.19 0.00	57.28 2.09 0.00	57.02 1.79 0.00	59.01 1.88 -0.48	98.63 3.27 17.47	88.97 3.13 19.55	37.63 1.82 17.85	39.10 1.91 12.04	52.82 2.53 0.84	54.87 2.77 0.00	67.49 2.93 -0.40	60.50 3.40 -0.29	65.64 2.99 -1.99	74.99 2.56 -1.93	77.35 3.08 -4.67	130.12 5.91 -4.01	100.77 4.24 -2.98	63.60 2.69 -1.77	74.48 3.00 -2.26	70.15 2.68 -6.87	77.50 3.10 -14.99	68.26 2.67 -6.37
LIPA_MISC_IPP 23656	55.51 1.94 0.00	56.77 1.55 0.00	57.47 1.39 0.00	56.49 1.30 0.00	56.16 0.93 0.00	60.15 1.00 -2.50	103.34 1.40 10.89	91.74 1.33 14.98	34.68 0.85 19.83	37.53 1.05 12.75	51.73 1.67 1.07	54.10 2.00 0.00	67.98 1.75 -2.07	60.72 2.41 -1.50	72.95 2.01 -10.29	82.12 1.59 -10.02	85.00 2.19 -13.21	145.77 4.82 -20.75	112.26 3.28 -15.44	70.16 1.84 -9.18	82.98 2.05 -11.70	72.83 1.64 -10.59	69.93 2.26 -8.26	66.18 1.79 -5.17
LISF____SOLAR 323691	55.60 2.04 0.00	56.87 1.65 0.00	57.56 1.48 0.00	56.58 1.39 0.00	56.24 1.01 0.00	60.14 1.08 -2.41	102.97 1.49 11.34	91.38 1.35 15.36	34.57 0.81 19.90	37.40 1.01 12.83	51.75 1.68 1.07	54.11 2.01 0.00	67.91 1.76 -2.00	60.74 2.48 -1.45	72.69 2.10 -9.93	81.90 1.72 -9.68	84.77 2.34 -12.83	145.29 5.05 -20.03	111.92 3.46 -14.91	69.96 1.96 -8.87	82.71 2.18 -11.30	72.67 1.75 -10.31	69.91 2.37 -8.13	66.08 1.88 -4.98
LITTLE FALLS____HYD 24013	56.67 3.11 0.00	58.26 3.05 0.00	59.16 3.08 0.00	58.32 3.12 0.00	58.38 3.16 0.00	59.99 3.34 0.00	119.44 6.61 0.00	110.82 5.43 0.00	55.37 1.71 0.00	50.47 1.25 0.00	52.68 1.55 0.00	53.92 1.82 0.00	66.25 2.09 0.00	59.25 2.44 0.00	62.60 1.94 0.00	72.98 2.48 0.00	72.80 3.19 0.00	126.81 6.61 0.00	99.22 5.68 0.00	62.76 3.63 0.00	73.36 4.13 0.00	64.15 3.55 0.00	62.89 3.48 0.00	62.35 3.13 0.00

LITTLRIV_115KV_TB1 356100	55.68 2.12 0.00	57.49 2.27 0.00	58.37 2.30 0.00	57.47 2.28 0.00	57.60 2.37 0.00	59.34 2.69 0.00	118.93 6.10 0.00	111.68 6.29 0.00	56.78 3.12 0.00	51.95 2.73 0.00	53.59 2.46 0.00	54.31 2.20 0.00	67.31 3.15 0.00	58.84 2.03 0.00	63.01 2.36 0.00	73.35 2.85 0.00	72.32 2.71 0.00	124.43 4.23 0.00	96.72 3.18 0.00	61.20 2.07 0.00	72.06 2.84 0.00	63.64 3.03 0.00	62.61 3.20 0.00	62.52 3.30 0.00
LI_NEWBRDGE___DRP 323616	55.39 1.82 0.00	56.70 1.48 0.00	57.41 1.33 0.00	56.47 1.27 0.00	56.21 0.98 0.00	57.67 1.02 0.00	86.63 1.67 27.87	76.74 1.58 30.23	29.23 1.01 25.44	33.07 1.22 17.37	51.81 1.83 1.16	54.14 2.03 0.00	66.11 1.95 0.00	59.16 2.34 0.00	62.58 1.92 0.00	71.91 1.41 0.00	73.46 1.83 -2.02	123.77 3.56 0.00	96.00 2.46 0.00	60.61 1.48 0.00	70.88 1.66 0.00	62.40 1.48 -0.32	57.24 2.03 4.20	55.63 1.69 5.28
LOCKPORT_115KV_TB60_63_64 80432	49.70 -3.85 0.02	51.18 -4.04 0.00	51.73 -4.35 0.00	50.95 -4.21 0.03	50.99 -4.23 0.00	52.71 -3.94 0.00	104.30 -8.52 0.00	97.74 -6.87 0.78	50.13 -3.53 0.00	46.20 -3.03 0.00	48.02 -3.12 0.00	49.25 -2.86 0.00	60.65 -3.51 0.00	53.36 -3.45 0.00	56.21 -4.45 0.00	66.05 -4.45 0.00	64.57 -4.52 0.51	109.55 -7.86 2.80	86.39 -6.56 0.60	53.28 -4.53 1.32	63.80 -5.42 0.00	56.71 -3.89 0.00	55.59 -3.82 0.00	55.72 -3.49 0.00
LOCKPORT___CC1 323769	49.64 -3.91 0.02	51.15 -4.07 0.00	51.69 -4.39 0.00	50.92 -4.24 0.03	50.92 -4.31 0.00	52.66 -3.99 0.00	104.23 -8.60 0.00	97.62 -6.97 0.81	50.07 -3.59 0.00	46.20 -3.02 0.00	48.00 -3.14 0.00	49.21 -2.89 0.00	60.64 -3.52 0.00	53.31 -3.50 0.00	56.15 -4.51 0.00	66.02 -4.48 0.00	64.50 -4.58 0.53	109.36 -7.98 2.86	86.28 -6.65 0.62	53.18 -4.60 1.35	63.76 -5.47 0.00	56.68 -3.92 0.00	55.56 -3.86 0.00	55.70 -3.52 0.00
LOCKPORT___CC2 323770	49.64 -3.91 0.02	51.15 -4.07 0.00	51.69 -4.39 0.00	50.92 -4.24 0.03	50.92 -4.31 0.00	52.66 -3.99 0.00	104.23 -8.60 0.00	97.62 -6.97 0.81	50.07 -3.59 0.00	46.20 -3.02 0.00	48.00 -3.14 0.00	49.21 -2.89 0.00	60.64 -3.52 0.00	53.31 -3.50 0.00	56.15 -4.51 0.00	66.02 -4.48 0.00	64.50 -4.58 0.53	109.36 -7.98 2.86	86.28 -6.65 0.62	53.18 -4.60 1.35	63.76 -5.47 0.00	56.68 -3.92 0.00	55.56 -3.86 0.00	55.70 -3.52 0.00
LOCKPORT___CC3 323771	49.64 -3.91 0.02	51.15 -4.07 0.00	51.69 -4.39 0.00	50.92 -4.24 0.03	50.92 -4.31 0.00	52.66 -3.99 0.00	104.23 -8.60 0.00	97.62 -6.97 0.81	50.07 -3.59 0.00	46.20 -3.02 0.00	48.00 -3.14 0.00	49.21 -2.89 0.00	60.64 -3.52 0.00	53.31 -3.50 0.00	56.15 -4.51 0.00	66.02 -4.48 0.00	64.50 -4.58 0.53	109.36 -7.98 2.86	86.28 -6.65 0.62	53.18 -4.60 1.35	63.76 -5.47 0.00	56.68 -3.92 0.00	55.56 -3.86 0.00	55.70 -3.52 0.00
LOCUSVLY_69_KV_BK2 55797	55.88 2.32 0.00	57.20 1.98 0.00	57.92 1.85 0.00	56.98 1.78 0.00	56.78 1.55 0.00	57.70 1.60 0.54	100.14 2.91 15.60	91.94 2.77 16.23	43.18 1.61 12.09	42.55 1.76 8.43	52.97 2.34 0.51	54.72 2.61 0.00	66.42 2.71 0.45	59.42 2.93 0.32	61.00 2.57 2.23	70.56 2.23 2.17	73.15 2.58 -0.97	120.56 4.85 4.49	93.67 3.46 3.34	59.24 2.09 1.99	69.05 2.36 2.53	68.06 2.07 -5.39	80.22 2.50 -18.31	67.48 2.17 -6.09
LONG_LAKE_PHOENIX 24014	51.81 -1.75 0.00	53.39 -1.83 0.00	54.21 -1.87 0.00	53.37 -1.82 0.00	53.42 -1.81 0.00	54.84 -1.80 0.00	109.28 -3.55 0.00	102.20 -3.19 0.00	52.00 -1.66 0.00	47.61 -1.62 0.00	49.40 -1.74 0.00	50.38 -1.72 0.00	62.03 -2.13 0.00	55.00 -1.81 0.00	58.71 -1.95 0.00	68.32 -2.19 0.00	67.52 -2.09 0.00	116.62 -3.58 0.00	90.71 -2.83 0.00	57.30 -1.83 0.00	67.04 -2.19 0.00	58.64 -1.96 0.00	57.44 -1.98 0.00	57.24 -1.97 0.00
LOVETT___3 23632	55.41 1.84 0.00	56.71 1.49 0.00	57.48 1.41 0.00	56.59 1.39 0.00	56.58 1.36 0.00	58.09 1.44 0.00	115.79 2.97 0.00	108.13 2.74 0.00	55.17 1.51 0.00	50.80 1.58 0.00	53.06 1.92 0.00	54.19 2.09 0.00	66.42 2.27 0.00	59.12 2.31 0.00	62.75 2.09 0.00	72.20 1.70 0.00	71.48 1.88 0.00	123.64 3.43 0.00	95.95 2.41 0.00	60.53 1.39 0.00	70.83 1.61 0.00	61.99 1.39 0.00	61.02 1.61 0.00	60.70 1.48 0.00
LOVETT___4 23642	55.41 1.84 0.00	56.71 1.49 0.00	57.48 1.41 0.00	56.59 1.39 0.00	56.58 1.36 0.00	58.09 1.44 0.00	115.79 2.97 0.00	108.13 2.74 0.00	55.17 1.51 0.00	50.80 1.58 0.00	53.06 1.92 0.00	54.19 2.09 0.00	66.42 2.27 0.00	59.12 2.31 0.00	62.75 2.09 0.00	72.20 1.70 0.00	71.48 1.88 0.00	123.64 3.43 0.00	95.95 2.41 0.00	60.53 1.39 0.00	70.83 1.61 0.00	61.99 1.39 0.00	61.02 1.61 0.00	60.70 1.48 0.00
LOVETT___5 23593	55.41 1.84 0.00	56.71 1.49 0.00	57.48 1.41 0.00	56.59 1.39 0.00	56.58 1.36 0.00	58.09 1.44 0.00	115.79 2.97 0.00	108.13 2.74 0.00	55.17 1.51 0.00	50.80 1.58 0.00	53.06 1.92 0.00	54.19 2.09 0.00	66.42 2.27 0.00	59.12 2.31 0.00	62.75 2.09 0.00	72.20 1.70 0.00	71.48 1.88 0.00	123.64 3.43 0.00	95.95 2.41 0.00	60.53 1.39 0.00	70.83 1.61 0.00	61.99 1.39 0.00	61.02 1.61 0.00	60.70 1.48 0.00
LOWER RAQUET___HYD 24057	54.99 1.42 0.00	56.78 1.56 0.00	57.69 1.61 0.00	56.82 1.62 0.00	56.93 1.70 0.00	58.60 1.96 0.00	117.38 4.55 0.00	110.17 4.77 0.00	56.04 2.38 0.00	51.31 2.08 0.00	53.07 1.93 0.00	53.77 1.66 0.00	66.46 2.30 0.00	58.29 1.48 0.00	62.31 1.65 0.00	72.46 1.96 0.00	71.31 1.70 0.00	122.57 2.36 0.00	95.29 1.75 0.00	60.35 1.21 0.00	71.13 1.90 0.00	62.80 2.20 0.00	61.84 2.43 0.00	61.77 2.56 0.00
LOWER___HUDSON 24059	54.42 0.85 0.00	56.15 0.94 0.00	56.93 0.86 0.00	55.98 0.78 0.00	55.99 0.76 0.00	57.36 0.71 0.00	113.72 0.89 0.00	105.70 0.31 0.00	53.94 0.28 0.00	49.18 -0.05 0.00	51.00 -0.14 0.00	52.04 -0.06 0.00	64.07 -0.09 0.00	57.03 0.21 0.00	61.19 0.54 0.00	71.13 0.63 0.00	70.17 0.56 0.00	121.51 1.30 0.00	95.07 1.52 0.00	60.29 1.16 0.00	70.42 1.20 0.00	61.14 0.54 0.00	59.89 0.48 0.00	59.50 0.29 0.00
LOWVILLE_115KV_TB2 356335	53.43 -0.14 0.00	55.29 0.08 0.00	56.60 0.53 0.00	56.06 0.87 0.00	56.34 1.11 0.00	58.02 1.37 0.00	116.36 3.53 0.00	109.34 3.95 0.00	55.58 1.92 0.00	50.45 1.23 0.00	51.87 0.73 0.00	52.17 0.06 0.00	63.76 -0.40 0.00	55.87 -0.95 0.00	60.94 0.28 0.00	72.20 1.69 0.00	71.66 2.05 0.00	123.85 3.65 0.00	95.75 2.20 0.00	60.42 1.29 0.00	71.16 1.94 0.00	62.00 1.40 0.00	61.07 1.66 0.00	60.86 1.64 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	55.17 1.61 0.00	56.95 1.73 0.00	57.78 1.70 0.00	56.78 1.59 0.00	56.82 1.60 0.00	58.33 1.67 0.00	115.89 3.06 0.00	107.84 2.45 0.00	54.94 1.28 0.00	50.04 0.81 0.00	51.87 0.73 0.00	52.97 0.87 0.00	65.36 1.20 0.00	58.08 1.27 0.00	62.32 1.66 0.00	72.54 2.03 0.00	71.57 1.96 0.00	123.90 3.70 0.00	96.86 3.32 0.00	61.29 2.16 0.00	71.59 2.37 0.00	62.26 1.66 0.00	61.02 1.61 0.00	60.63 1.42 0.00

LUTHERNY_35_KV_BK2 355980	55.19 1.62 0.00	56.99 1.77 0.00	57.86 1.78 0.00	56.80 1.61 0.00	56.84 1.62 0.00	58.37 1.72 0.00	115.98 3.15 0.00	107.93 2.54 0.00	54.97 1.31 0.00	50.06 0.84 0.00	51.90 0.77 0.00	53.00 0.89 0.00	65.44 1.28 0.00	58.10 1.29 0.00	62.32 1.66 0.00	72.59 2.08 0.00	71.55 1.94 0.00	123.98 3.77 0.00	96.92 3.37 0.00	61.34 2.21 0.00	71.67 2.45 0.00	62.27 1.67 0.00	61.05 1.64 0.00	60.65 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	53.80 0.23 0.00	55.62 0.40 0.00	56.72 0.64 0.00	55.99 0.80 0.00	56.19 0.97 0.00	57.85 1.20 0.00	115.72 2.90 0.00	108.73 3.33 0.00	55.27 1.62 0.00	50.37 1.15 0.00	52.05 0.91 0.00	52.57 0.46 0.00	64.63 0.47 0.00	56.62 -0.19 0.00	61.15 0.50 0.00	71.77 1.27 0.00	70.77 1.16 0.00	121.96 1.76 0.00	94.53 0.98 0.00	59.81 0.67 0.00	70.66 1.43 0.00	62.00 1.39 0.00	61.03 1.62 0.00	60.89 1.68 0.00
LYONS_FALL_HYD 23570	53.81 0.25 0.00	55.62 0.40 0.00	56.80 0.72 0.00	56.10 0.91 0.00	56.32 1.08 0.00	57.94 1.29 0.00	116.00 3.17 0.00	108.76 3.36 0.00	55.32 1.66 0.00	50.40 1.18 0.00	51.97 0.84 0.00	52.54 0.44 0.00	64.27 0.10 0.00	56.60 -0.21 0.00	61.26 0.60 0.00	72.11 1.60 0.00	71.47 1.86 0.00	123.53 3.33 0.00	95.73 2.18 0.00	60.42 1.29 0.00	70.99 1.77 0.00	61.93 1.33 0.00	60.85 1.43 0.00	60.60 1.38 0.00
MADISON___COUNTY_LFGE 323628	54.42 0.86 0.00	56.23 1.02 0.00	57.21 1.13 0.00	56.36 1.17 0.00	56.49 1.26 0.00	58.13 1.48 0.00	116.07 3.24 0.00	108.50 3.11 0.00	55.18 1.52 0.00	50.55 1.32 0.00	52.30 1.17 0.00	53.24 1.14 0.00	65.21 1.05 0.00	57.84 1.03 0.00	61.84 1.19 0.00	72.22 1.72 0.00	71.49 1.88 0.00	123.39 3.19 0.00	95.96 2.42 0.00	60.56 1.43 0.00	70.90 1.68 0.00	61.94 1.34 0.00	60.66 1.25 0.00	60.32 1.11 0.00
MALONE___115KV_TB1 356076	55.08 1.51 0.00	56.78 1.56 0.00	57.65 1.57 0.00	56.72 1.52 0.00	56.86 1.63 0.00	58.52 1.87 0.00	117.48 4.65 0.00	110.30 4.91 0.00	56.12 2.46 0.00	51.45 2.22 0.00	53.23 2.09 0.00	54.07 1.97 0.00	66.84 2.68 0.00	58.86 2.05 0.00	62.80 2.14 0.00	73.27 2.77 0.00	72.25 2.64 0.00	124.50 4.30 0.00	97.08 3.53 0.00	61.22 2.09 0.00	71.81 2.59 0.00	63.07 2.46 0.00	61.93 2.52 0.00	62.00 2.78 0.00
MAPLEWOD_115KV_TB3 80458	54.33 0.76 0.00	56.03 0.81 0.00	56.84 0.75 0.00	55.92 0.72 0.00	55.94 0.71 0.00	57.27 0.62 0.00	113.64 0.81 0.00	105.69 0.30 0.00	53.77 0.11 0.00	49.16 -0.07 0.00	50.99 -0.14 0.00	52.04 -0.07 0.00	64.06 -0.10 0.00	56.98 0.17 0.00	61.02 0.36 0.00	70.86 0.36 0.00	69.96 0.36 0.00	121.01 0.80 0.00	94.52 0.98 0.00	59.91 0.77 0.00	69.99 0.77 0.00	60.92 0.31 0.00	59.64 0.23 0.00	59.29 0.07 0.00
MAPLE_RIDGE_WT_1 323574	53.28 -0.28 0.00	55.09 -0.12 0.00	56.05 -0.03 0.00	55.27 0.08 0.00	55.35 0.12 0.00	56.77 0.12 0.00	113.22 0.39 0.00	105.93 0.53 0.00	53.93 0.27 0.00	49.38 0.15 0.00	51.22 0.08 0.00	52.10 -0.01 0.00	63.79 -0.37 0.00	56.19 -0.62 0.00	60.28 -0.37 0.00	70.55 0.05 0.00	69.94 0.33 0.00	120.76 0.56 0.00	93.87 0.32 0.00	59.18 0.05 0.00	69.34 0.12 0.00	60.81 0.21 0.00	59.63 0.21 0.00	59.52 0.31 0.00
MAPLE_RIDGE_WT_2 323611	53.28 -0.28 0.00	55.09 -0.12 0.00	56.05 -0.03 0.00	55.27 0.08 0.00	55.35 0.12 0.00	56.77 0.12 0.00	113.22 0.39 0.00	105.93 0.53 0.00	53.93 0.27 0.00	49.38 0.15 0.00	51.22 0.08 0.00	52.10 -0.01 0.00	63.79 -0.37 0.00	56.19 -0.62 0.00	60.28 -0.37 0.00	70.55 0.05 0.00	69.94 0.33 0.00	120.76 0.56 0.00	93.87 0.32 0.00	59.18 0.05 0.00	69.34 0.12 0.00	60.81 0.21 0.00	59.63 0.21 0.00	59.52 0.31 0.00
MARBLE_RIVER_WT_PWR 323696	54.17 0.60 0.00	55.79 0.57 0.00	56.66 0.58 0.00	55.71 0.52 0.00	55.85 0.62 0.00	57.40 0.75 0.00	115.13 2.30 0.00	107.90 2.50 0.00	54.90 1.24 0.00	50.34 1.12 0.00	52.13 1.00 0.00	53.01 0.90 0.00	65.51 1.35 0.00	57.78 0.97 0.00	61.59 0.93 0.00	71.88 1.38 0.00	70.86 1.25 0.00	122.15 1.95 0.00	95.13 1.58 0.00	60.08 0.95 0.00	70.40 1.18 0.00	61.77 1.17 0.00	60.72 1.31 0.00	60.88 1.67 0.00
MARSHVLE_115KV_TB1 80742	53.78 0.21 0.00	55.32 0.10 0.00	56.26 0.18 0.00	55.36 0.16 0.00	55.49 0.26 0.00	57.06 0.41 0.00	113.75 0.93 0.00	106.83 1.44 0.00	54.09 0.44 0.00	49.50 0.27 0.00	51.40 0.26 0.00	52.77 0.67 0.00	64.56 0.40 0.00	56.94 0.12 0.00	60.38 -0.28 0.00	70.60 0.09 0.00	70.05 0.44 0.00	121.64 1.44 0.00	94.43 0.88 0.00	59.58 0.45 0.00	69.72 0.49 0.00	61.44 0.84 0.00	60.17 0.76 0.00	60.01 0.79 0.00
MARSH_HILL_WT_PWR 323713	48.14 -5.37 0.06	49.58 -5.64 0.00	50.26 -5.82 0.00	49.41 -5.68 0.10	49.86 -5.37 0.00	51.28 -5.37 0.00	101.73 -11.09 0.01	93.98 -8.48 2.93	49.80 -3.85 0.00	46.09 -3.13 0.00	47.29 -3.85 0.00	48.04 -4.07 0.00	59.59 -4.57 0.00	52.83 -3.98 0.00	56.40 -4.26 0.00	66.72 -3.79 0.00	64.15 -3.87 1.59	104.35 -7.19 8.67	86.34 -5.33 1.87	51.67 -3.36 4.10	65.64 -3.58 0.00	57.95 -2.65 0.00	57.02 -2.39 0.00	57.16 -2.05 0.00
MCINTYRE_115KV_TB2 80467	56.09 2.52 0.00	57.88 2.66 0.00	58.77 2.69 0.00	57.85 2.65 0.00	57.97 2.74 0.00	59.73 3.08 0.00	119.72 6.89 0.00	112.42 7.03 0.00	57.13 3.48 0.00	52.31 3.08 0.00	53.86 2.73 0.00	54.62 2.51 0.00	67.79 3.62 0.00	59.11 2.30 0.00	63.48 2.82 0.00	74.11 3.61 0.00	73.19 3.57 0.00	126.07 5.86 0.00	98.03 4.48 0.00	61.94 2.81 0.00	72.81 3.58 0.00	64.17 3.56 0.00	63.00 3.59 0.00	62.89 3.68 0.00
MECO_____69_KV_BK1 80468	55.24 1.67 0.00	56.85 1.63 0.00	57.75 1.67 0.00	56.79 1.60 0.00	56.95 1.72 0.00	58.58 1.93 0.00	116.97 4.14 0.00	109.48 4.09 0.00	54.85 1.20 0.00	49.77 0.55 0.00	52.03 0.90 0.00	53.33 1.22 0.00	65.17 1.01 0.00	57.93 1.12 0.00	61.67 1.01 0.00	72.52 2.02 0.00	72.14 2.53 0.00	125.26 5.06 0.00	97.40 3.85 0.00	61.47 2.33 0.00	71.86 2.64 0.00	62.99 2.39 0.00	61.64 2.23 0.00	61.33 2.12 0.00
MENANDS___115KV_TB5 355628	54.10 0.53 0.00	55.79 0.57 0.00	56.59 0.51 0.00	55.68 0.49 0.00	55.70 0.48 0.00	56.99 0.34 0.00	113.05 0.22 0.00	105.11 -0.29 0.00	53.44 -0.22 0.00	48.87 -0.36 0.00	50.71 -0.42 0.00	51.75 -0.36 0.00	63.68 -0.49 0.00	56.65 -0.16 0.00	60.66 0.01 0.00	70.41 -0.10 0.00	69.49 -0.12 0.00	120.16 -0.05 0.00	93.87 0.32 0.00	59.51 0.38 0.00	69.54 0.32 0.00	60.52 -0.09 0.00	59.26 -0.15 0.00	58.90 -0.31 0.00
MG INDUSTRY___DRP 24185	54.34 0.77 0.00	56.05 0.83 0.00	56.94 0.86 0.00	56.03 0.84 0.00	56.06 0.83 0.00	57.35 0.71 0.00	113.78 0.96 0.00	105.81 0.42 0.00	53.67 0.01 0.00	49.12 -0.10 0.00	51.04 -0.09 0.00	52.05 -0.05 0.00	64.06 -0.10 0.00	57.00 0.19 0.00	60.90 0.24 0.00	70.79 0.29 0.00	69.92 0.31 0.00	120.79 0.59 0.00	94.27 0.72 0.00	59.72 0.59 0.00	69.87 0.64 0.00	60.93 0.33 0.00	59.71 0.30 0.00	59.39 0.17 0.00

MID___OSWEGATCHIE_HYD 23849	53.80 0.23 0.00	55.62 0.40 0.00	56.72 0.64 0.00	55.99 0.80 0.00	56.19 0.97 0.00	57.85 1.20 0.00	115.72 2.90 0.00	108.73 3.33 0.00	55.27 1.62 0.00	50.37 1.15 0.00	52.05 0.91 0.00	52.57 0.46 0.00	64.63 0.47 0.00	56.62 -0.19 0.00	61.15 0.50 0.00	71.77 1.27 0.00	70.77 1.16 0.00	121.96 1.76 0.00	94.53 0.98 0.00	59.81 0.67 0.00	70.66 1.43 0.00	62.00 1.39 0.00	61.03 1.62 0.00	60.89 1.68 0.00
MID___RAQUETTE_HYD 23851	54.98 1.42 0.00	56.78 1.56 0.00	57.69 1.61 0.00	56.82 1.62 0.00	56.93 1.70 0.00	58.61 1.96 0.00	117.38 4.55 0.00	110.17 4.77 0.00	56.03 2.38 0.00	51.31 2.08 0.00	53.07 1.93 0.00	53.77 1.66 0.00	66.46 2.30 0.00	58.29 1.48 0.00	62.31 1.65 0.00	72.46 1.96 0.00	71.31 1.70 0.00	122.56 2.35 0.00	95.29 1.74 0.00	60.35 1.22 0.00	71.13 1.90 0.00	62.80 2.20 0.00	61.84 2.43 0.00	61.77 2.56 0.00
MILLIKEN___1 23584	53.81 0.20 -0.05	55.37 0.15 0.00	56.18 0.10 0.00	55.48 0.20 -0.08	55.50 0.27 0.00	57.04 0.40 0.00	113.84 1.01 -0.01	110.33 1.70 -3.24	54.26 0.60 0.00	49.36 0.13 0.00	51.04 -0.09 0.00	52.45 0.34 0.00	64.48 0.32 0.00	57.09 0.27 0.00	61.01 0.35 0.00	71.04 0.53 0.00	71.85 0.69 -1.56	129.85 1.17 -8.47	96.28 0.90 -1.83	63.60 0.46 -4.01	69.72 0.50 0.00	61.08 0.47 0.00	59.79 0.38 0.00	59.55 0.34 0.00
MILLIKEN___2 23585	53.81 0.20 -0.05	55.37 0.15 0.00	56.18 0.10 0.00	55.48 0.20 -0.08	55.50 0.27 0.00	57.04 0.40 0.00	113.84 1.01 -0.01	110.33 1.70 -3.24	54.26 0.60 0.00	49.36 0.13 0.00	51.04 -0.09 0.00	52.45 0.34 0.00	64.48 0.32 0.00	57.09 0.27 0.00	61.01 0.35 0.00	71.04 0.53 0.00	71.85 0.69 -1.56	129.85 1.17 -8.47	96.28 0.90 -1.83	63.60 0.46 -4.01	69.72 0.50 0.00	61.08 0.47 0.00	59.79 0.38 0.00	59.55 0.34 0.00
MILLIKEN___DIESEL 23629	53.81 0.20 -0.05	55.37 0.15 0.00	56.18 0.10 0.00	55.48 0.20 -0.08	55.50 0.27 0.00	57.04 0.40 0.00	113.84 1.01 -0.01	110.33 1.70 -3.24	54.26 0.60 0.00	49.36 0.13 0.00	51.04 -0.09 0.00	52.45 0.34 0.00	64.48 0.32 0.00	57.09 0.27 0.00	61.01 0.35 0.00	71.04 0.53 0.00	71.85 0.69 -1.56	129.85 1.17 -8.47	96.28 0.90 -1.83	63.60 0.46 -4.01	69.72 0.50 0.00	61.08 0.47 0.00	59.79 0.38 0.00	59.55 0.34 0.00
MILLSEAT___LFGE 323607	50.92 -2.63 0.02	52.44 -2.78 0.00	53.00 -3.08 0.00	52.20 -2.97 0.03	52.26 -2.97 0.00	54.09 -2.56 0.00	107.43 -5.39 0.00	100.78 -3.88 0.72	51.48 -2.18 0.00	47.29 -1.94 0.00	49.11 -2.02 0.00	50.43 -1.68 0.00	62.02 -2.14 0.00	54.73 -2.09 0.00	57.74 -2.91 0.00	67.89 -2.62 0.00	66.53 -2.61 0.47	113.20 -4.42 2.58	89.10 -3.89 0.56	55.04 -2.87 1.22	65.74 -3.49 0.00	58.25 -2.35 0.00	56.99 -2.42 0.00	57.02 -2.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	55.44 1.88 0.00	56.75 1.53 0.00	57.54 1.46 0.00	56.61 1.42 0.00	56.61 1.39 0.00	58.12 1.48 0.00	115.83 3.00 0.00	108.19 2.80 0.00	55.21 1.55 0.00	50.84 1.62 0.00	53.09 1.95 0.00	54.25 2.14 0.00	66.49 2.33 0.00	59.18 2.37 0.00	62.82 2.16 0.00	72.33 1.82 0.00	71.59 1.98 0.00	123.85 3.65 0.00	96.14 2.60 0.00	60.65 1.51 0.00	70.95 1.73 0.00	62.10 1.50 0.00	61.10 1.69 0.00	60.73 1.52 0.00
MILLWOOD_13_KV_LOAD 356217	55.56 1.99 0.00	56.87 1.65 0.00	57.65 1.57 0.00	56.74 1.55 0.00	56.73 1.50 0.00	58.25 1.60 0.00	116.12 3.30 0.00	108.49 3.10 0.00	55.34 1.68 0.00	50.95 1.73 0.00	53.21 2.08 0.00	54.35 2.24 0.00	66.65 2.49 0.00	59.31 2.50 0.00	62.96 2.30 0.00	72.49 1.99 0.00	71.77 2.17 0.00	124.18 3.97 0.00	96.39 2.84 0.00	60.80 1.67 0.00	71.13 1.91 0.00	62.25 1.65 0.00	61.23 1.82 0.00	60.85 1.64 0.00
MODEL_CITY_ENERGY 24167	49.19 -4.36 0.02	50.68 -4.54 0.00	51.22 -4.86 0.00	50.45 -4.71 0.03	50.47 -4.76 0.00	52.15 -4.50 0.00	103.13 -9.69 0.00	96.61 -7.97 0.81	49.54 -4.11 0.00	45.73 -3.50 0.00	47.54 -3.60 0.00	48.72 -3.39 0.00	60.05 -4.11 0.00	52.78 -4.04 0.00	55.57 -5.09 0.00	65.31 -5.19 0.00	63.84 -5.24 0.53	108.20 -9.12 2.89	85.34 -7.58 0.62	52.61 -5.16 1.36	63.05 -6.18 0.00	56.09 -4.51 0.00	54.99 -4.42 0.00	55.16 -4.05 0.00
MODERN_LFGE___ 323580	49.19 -4.36 0.02	50.68 -4.54 0.00	51.22 -4.86 0.00	50.45 -4.71 0.03	50.47 -4.76 0.00	52.15 -4.50 0.00	103.13 -9.69 0.00	96.61 -7.97 0.81	49.54 -4.11 0.00	45.73 -3.50 0.00	47.54 -3.60 0.00	48.72 -3.39 0.00	60.05 -4.11 0.00	52.78 -4.04 0.00	55.57 -5.09 0.00	65.31 -5.19 0.00	63.84 -5.24 0.53	108.20 -9.12 2.89	85.34 -7.58 0.62	52.61 -5.16 1.36	63.05 -6.18 0.00	56.09 -4.51 0.00	54.99 -4.42 0.00	55.16 -4.05 0.00
MOHAWK_PAPER___DRP 24187	54.33 0.76 0.00	56.03 0.81 0.00	56.84 0.75 0.00	55.92 0.72 0.00	55.94 0.71 0.00	57.27 0.62 0.00	113.64 0.81 0.00	105.69 0.30 0.00	53.77 0.11 0.00	49.16 -0.07 0.00	50.99 -0.14 0.00	52.04 -0.07 0.00	64.06 -0.10 0.00	56.98 0.17 0.00	61.02 0.36 0.00	70.86 0.36 0.00	69.96 0.36 0.00	121.01 0.80 0.00	94.52 0.98 0.00	59.91 0.77 0.00	69.99 0.77 0.00	60.92 0.31 0.00	59.64 0.23 0.00	59.29 0.07 0.00
MOHICAN___35_KV_115KV_LD 80490	55.30 1.73 0.00	57.24 2.02 0.00	57.92 1.84 0.00	56.95 1.75 0.00	56.99 1.77 0.00	58.65 2.00 0.00	116.72 3.90 0.00	108.67 3.27 0.00	55.46 1.80 0.00	50.26 1.03 0.00	51.94 0.80 0.00	53.10 0.99 0.00	65.64 1.48 0.00	58.46 1.65 0.00	62.92 2.26 0.00	73.33 2.82 0.00	72.28 2.67 0.00	125.08 4.88 0.00	98.05 4.51 0.00	61.89 2.75 0.00	72.07 2.85 0.00	62.58 1.97 0.00	61.48 2.07 0.00	61.06 1.85 0.00
MONGAUP___HYD 23641	55.76 2.20 0.00	57.18 1.96 0.00	58.03 1.95 0.00	57.12 1.92 0.00	57.13 1.90 0.00	58.65 2.00 0.00	117.00 4.18 0.00	109.29 3.90 0.00	55.46 1.81 0.00	50.87 1.64 0.00	53.04 1.90 0.00	53.94 1.83 0.00	66.58 2.42 0.00	59.35 2.54 0.00	62.84 2.18 0.00	72.90 2.40 0.00	72.25 2.64 0.00	125.13 4.93 0.00	97.29 3.74 0.00	61.41 2.28 0.00	71.90 2.67 0.00	62.87 2.27 0.00	61.72 2.31 0.00	61.32 2.11 0.00
MONTAUK___DIESEL 23721	54.12 0.55 0.00	55.37 0.15 0.00	56.09 0.01 0.00	55.14 -0.05 0.00	54.97 -0.26 0.00	59.22 0.11 -2.46	101.23 -0.50 11.10	89.64 -0.60 15.16	33.52 -0.28 19.86	36.39 -0.05 12.79	50.99 0.92 1.07	54.13 2.03 0.00	68.00 1.81 -2.04	60.83 2.54 -1.47	72.94 2.15 -10.13	81.75 1.38 -9.87	84.69 2.04 -13.03	147.42 6.80 -20.43	112.97 4.23 -15.20	69.82 1.65 -9.04	82.99 2.24 -11.52	72.01 0.94 -10.46	69.56 1.96 -8.20	65.28 0.99 -5.08
MOONROAD_115KV_HARTFLD_TB1-2 355988	49.92 -3.63 0.02	51.69 -3.53 0.00	52.13 -3.95 0.00	51.66 -3.50 0.04	51.72 -3.51 0.00	53.78 -2.87 0.00	107.80 -5.02 0.00	101.10 -3.29 1.01	51.51 -2.15 0.00	47.67 -1.55 0.00	49.69 -1.45 0.00	50.83 -1.28 0.00	62.61 -1.55 0.00	55.08 -1.73 0.00	58.00 -2.66 0.00	67.87 -2.63 0.00	66.06 -2.84 0.71	111.53 -4.83 3.84	88.88 -3.84 0.83	54.45 -2.86 1.82	66.30 -2.92 0.00	58.66 -1.94 0.00	57.57 -1.85 0.00	57.46 -1.76 0.00

MORRIS_RIDGE___SOLAR 323848	49.13 -4.39 0.04	50.47 -4.75 0.00	51.11 -4.96 0.00	50.49 -4.64 0.06	50.59 -4.63 0.00	52.09 -4.56 0.00	103.32 -9.51 0.01	95.87 -7.73 1.79	49.76 -3.90 0.00	46.00 -3.22 0.00	47.47 -3.67 0.00	48.58 -3.53 0.00	60.05 -4.11 0.00	53.07 -3.75 0.00	56.22 -4.44 0.00	66.15 -4.36 0.00	64.01 -4.52 1.08	106.23 -8.09 5.88	85.94 -6.33 1.27	52.25 -4.10 2.78	64.79 -4.43 0.00	57.31 -3.29 0.00	56.34 -3.07 0.00	56.35 -2.87 0.00
MORTIMER_115KV_TB3 55949	51.67 -1.89 0.01	53.22 -2.00 0.00	53.85 -2.23 0.00	53.02 -2.16 0.02	53.10 -2.13 0.00	54.80 -1.85 0.00	109.02 -3.80 0.00	102.02 -2.90 0.47	52.12 -1.54 0.00	47.89 -1.34 0.00	49.78 -1.36 0.00	51.01 -1.09 0.00	62.85 -1.31 0.00	55.49 -1.33 0.00	58.78 -1.87 0.00	68.60 -1.90 0.00	67.44 -1.87 0.31	115.52 -3.00 1.69	90.53 -2.65 0.36	56.35 -1.99 0.80	66.82 -2.40 0.00	58.92 -1.68 0.00	57.63 -1.78 0.00	57.53 -1.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	55.63 2.06 0.00	56.89 1.67 0.00	57.63 1.56 0.00	56.72 1.52 0.00	56.70 1.48 0.00	58.22 1.57 0.00	116.09 3.26 0.00	108.46 3.07 0.00	55.42 1.76 0.00	51.11 1.88 0.00	53.41 2.28 0.00	54.59 2.48 0.00	66.82 2.66 0.00	59.49 2.67 0.00	63.09 2.43 0.00	72.61 2.10 0.00	71.90 2.29 0.00	124.37 4.17 0.00	96.51 2.96 0.00	60.86 1.73 0.00	71.20 1.98 0.00	62.35 1.75 0.00	61.35 1.94 0.00	60.98 1.77 0.00
MUNSVILLE_WIND_PWR 323609	55.18 1.59 -0.02	56.95 1.73 0.00	57.86 1.78 0.00	57.54 2.31 -0.04	57.76 2.53 0.00	59.44 2.79 0.00	119.66 6.83 0.00	114.37 7.33 -1.64	57.05 3.40 0.00	51.86 2.63 0.00	52.79 1.65 0.00	54.27 2.16 0.00	66.61 2.45 0.00	59.06 2.25 0.00	63.58 2.92 0.00	73.89 3.39 0.00	74.62 4.23 -0.78	132.57 8.13 -4.23	100.63 6.17 -0.91	64.62 3.48 -2.00	73.08 3.86 0.00	63.74 3.14 0.00	62.39 2.98 0.00	62.24 3.02 0.00
N SALMON___HYD 24042	55.08 1.51 0.00	56.78 1.56 0.00	57.65 1.57 0.00	56.72 1.52 0.00	56.86 1.63 0.00	58.52 1.87 0.00	117.48 4.65 0.00	110.30 4.91 0.00	56.12 2.46 0.00	51.45 2.22 0.00	53.23 2.09 0.00	54.07 1.97 0.00	66.84 2.68 0.00	58.86 2.05 0.00	62.80 2.14 0.00	73.27 2.77 0.00	72.25 2.64 0.00	124.50 4.29 0.00	97.08 3.53 0.00	61.23 2.09 0.00	71.81 2.59 0.00	63.07 2.46 0.00	61.93 2.52 0.00	62.00 2.78 0.00
N.AKRON__115KV_KNAPP 355671	50.56 -2.99 0.02	52.06 -3.16 0.00	52.61 -3.47 0.00	51.83 -3.34 0.03	51.88 -3.35 0.00	53.68 -2.97 0.00	106.46 -6.37 0.00	99.89 -4.76 0.75	51.13 -2.53 0.00	47.00 -2.23 0.00	48.83 -2.31 0.00	50.11 -1.99 0.00	61.64 -2.52 0.00	54.36 -2.45 0.00	57.31 -3.35 0.00	67.37 -3.13 0.00	65.96 -3.16 0.49	112.11 -5.43 2.66	88.30 -4.67 0.58	54.51 -3.36 1.26	65.16 -4.06 0.00	57.82 -2.79 0.00	56.61 -2.81 0.00	56.67 -2.54 0.00
N.E_GEN_SANDY PD 24062	51.77 0.85 2.65	56.19 0.98 0.00	56.91 0.84 0.00	55.93 0.73 0.00	55.93 0.71 0.00	57.22 0.57 0.00	113.09 0.26 0.00	101.77 -0.45 3.18	53.71 0.06 0.00	48.92 -0.31 0.00	46.08 -0.40 4.65	51.81 -0.30 0.00	58.09 -0.51 5.56	56.35 -0.11 0.36	60.93 0.27 0.00	69.42 0.30 1.39	69.73 0.12 0.00	120.90 0.70 0.00	90.77 1.29 4.06	74.84 1.18 -14.52	72.55 1.19 -2.14	59.93 0.36 1.03	59.64 0.23 0.00	59.27 0.06 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	55.50 1.94 0.00	56.80 1.58 0.00	57.58 1.50 0.00	56.69 1.50 0.00	56.67 1.45 0.00	58.19 1.55 0.00	116.02 3.20 0.00	108.40 3.00 0.00	55.27 1.61 0.00	50.90 1.68 0.00	53.13 2.00 0.00	54.30 2.19 0.00	66.56 2.40 0.00	59.24 2.43 0.00	62.88 2.22 0.00	72.35 1.84 0.00	71.62 2.02 0.00	123.85 3.65 0.00	96.12 2.57 0.00	60.63 1.49 0.00	70.94 1.72 0.00	62.10 1.49 0.00	61.12 1.71 0.00	60.80 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	55.67 2.11 0.00	56.93 1.71 0.00	57.68 1.60 0.00	56.74 1.55 0.00	56.71 1.48 0.00	58.27 1.62 0.00	116.31 3.48 0.00	108.74 3.34 0.00	55.60 1.94 0.00	51.28 2.06 0.00	53.56 2.43 0.00	54.72 2.62 0.00	66.91 2.75 0.00	59.59 2.77 0.00	63.20 2.54 0.00	72.71 2.21 0.00	72.05 2.44 0.00	124.61 4.41 0.00	96.59 3.04 0.00	60.92 1.78 0.00	71.31 2.09 0.00	62.58 1.98 0.00	61.54 2.13 0.00	61.19 1.98 0.00
N.TROY___115KV_TB1 355778	54.42 0.85 0.00	56.16 0.94 0.00	56.93 0.85 0.00	55.98 0.78 0.00	55.99 0.76 0.00	57.36 0.71 0.00	113.72 0.90 0.00	105.71 0.32 0.00	53.94 0.28 0.00	49.18 -0.05 0.00	51.00 -0.14 0.00	52.04 -0.06 0.00	64.08 -0.08 0.00	57.02 0.21 0.00	61.19 0.53 0.00	71.13 0.63 0.00	70.17 0.56 0.00	121.51 1.31 0.00	95.07 1.52 0.00	60.29 1.16 0.00	70.41 1.19 0.00	61.14 0.54 0.00	59.89 0.48 0.00	59.50 0.28 0.00
NARROWS_GT1_1 24228	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT1_2 24229	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT1_3 24230	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT1_4 24231	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT1_5 24232	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00

NARROWS_GT1_6 24233	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT1_7 24234	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT1_8 24235	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT2_1 24236	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT2_2 24237	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT2_3 24238	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT2_4 24239	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT2_5 24240	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT2_6 24241	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT2_7 24242	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NARROWS_GT2_8 24243	55.73 2.17 0.00	56.91 1.69 0.00	57.65 1.57 0.00	56.77 1.57 0.00	56.71 1.49 0.00	58.24 1.59 0.00	116.16 3.33 0.00	108.72 3.32 0.00	55.59 1.94 0.00	51.30 2.08 0.00	53.63 2.49 0.00	54.73 2.63 0.00	66.80 2.64 0.00	59.59 2.78 0.00	63.16 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.49 4.29 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.24 2.02 0.00	62.47 1.87 0.00	61.41 2.00 0.00	61.12 1.90 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	55.02 1.45 0.00	56.75 1.53 0.00	57.64 1.56 0.00	56.73 1.54 0.00	56.78 1.55 0.00	58.19 1.54 0.00	115.80 2.97 0.00	107.88 2.48 0.00	54.52 0.86 0.00	49.50 0.28 0.00	51.61 0.47 0.00	52.62 0.51 0.00	64.89 0.73 0.00	57.87 1.06 0.00	61.63 0.97 0.00	72.07 1.56 0.00	71.35 1.74 0.00	123.46 3.25 0.00	96.36 2.81 0.00	61.00 1.87 0.00	71.25 2.02 0.00	61.99 1.39 0.00	60.62 1.21 0.00	60.16 0.94 0.00
NCHELSEA_115KV_TR2 355582	55.76 2.20 0.00	57.15 1.93 0.00	57.96 1.88 0.00	57.05 1.85 0.00	57.06 1.83 0.00	58.57 1.92 0.00	116.78 3.95 0.00	109.10 3.71 0.00	55.60 1.94 0.00	51.16 1.93 0.00	53.39 2.26 0.00	54.58 2.47 0.00	66.96 2.80 0.00	59.55 2.73 0.00	63.32 2.66 0.00	73.01 2.51 0.00	72.27 2.66 0.00	124.99 4.78 0.00	97.09 3.55 0.00	61.27 2.14 0.00	71.68 2.45 0.00	62.69 2.09 0.00	61.57 2.16 0.00	61.18 1.97 0.00
NEG CAPITAL____MECHNVIL 23645	55.24 1.68 0.00	57.00 1.78 0.00	57.83 1.75 0.00	56.83 1.63 0.00	56.86 1.63 0.00	58.37 1.72 0.00	115.94 3.11 0.00	107.86 2.47 0.00	54.96 1.30 0.00	50.08 0.85 0.00	51.92 0.78 0.00	53.01 0.90 0.00	65.38 1.22 0.00	58.14 1.33 0.00	62.43 1.78 0.00	72.62 2.12 0.00	71.66 2.05 0.00	124.08 3.88 0.00	97.00 3.45 0.00	61.41 2.28 0.00	71.71 2.49 0.00	62.33 1.73 0.00	61.06 1.65 0.00	60.67 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	51.01 -2.55 0.00	52.53 -2.69 0.00	53.18 -2.90 0.00	52.39 -2.80 0.01	52.43 -2.80 0.00	54.13 -2.52 0.00	107.82 -5.00 0.00	101.01 -4.20 0.19	51.42 -2.24 0.00	47.17 -2.06 0.00	49.04 -2.10 0.00	50.25 -1.86 0.00	61.92 -2.24 0.00	54.68 -2.13 0.00	58.03 -2.62 0.00	67.76 -2.74 0.00	66.82 -2.65 0.15	114.79 -4.61 0.80	89.52 -3.85 0.17	56.05 -2.70 0.38	65.95 -3.27 0.00	58.06 -2.55 0.00	56.78 -2.63 0.00	56.64 -2.57 0.00

NEG CENTRAL___DRP 24199	52.70 -0.86 0.00	54.27 -0.95 0.00	55.03 -1.05 0.00	54.22 -0.97 0.00	54.30 -0.93 0.00	55.90 -0.75 0.00	111.46 -1.37 0.00	104.45 -0.95 0.00	53.00 -0.65 0.00	48.40 -0.83 0.00	50.27 -0.87 0.00	51.55 -0.55 0.00	63.44 -0.73 0.00	56.19 -0.62 0.00	59.85 -0.80 0.00	69.72 -0.79 0.00	68.95 -0.66 0.00	119.04 -1.17 0.00	92.54 -1.01 0.00	58.34 -0.79 0.00	68.20 -1.02 0.00	59.87 -0.74 0.00	58.60 -0.81 0.00	58.39 -0.82 0.00
NEG CENTRAL___INDECK 23768	52.12 -1.42 0.03	53.59 -1.63 0.00	54.24 -1.84 0.00	53.43 -1.71 0.06	53.63 -1.59 0.00	55.43 -1.22 0.00	110.58 -2.24 0.00	102.88 -0.87 1.64	52.87 -0.79 0.00	48.36 -0.86 0.00	49.87 -1.27 0.00	51.09 -1.02 0.00	63.26 -0.90 0.00	56.13 -0.68 0.00	59.73 -0.93 0.00	70.20 -0.30 0.00	68.46 -0.18 0.97	114.73 -0.19 5.29	91.98 -0.42 1.14	56.17 -0.46 2.50	68.77 -0.46 0.00	60.65 0.04 0.00	59.32 -0.09 0.00	59.12 -0.09 0.00
NEG CENTRAL___SENECA 23627	52.47 -1.09 0.00	54.03 -1.19 0.00	54.76 -1.32 0.00	53.94 -1.25 0.00	54.03 -1.20 0.00	55.70 -0.95 0.00	111.05 -1.77 0.00	104.18 -1.21 0.00	52.86 -0.80 0.00	48.31 -0.92 0.00	50.16 -0.97 0.00	51.46 -0.65 0.00	63.37 -0.79 0.00	56.10 -0.71 0.00	59.67 -0.99 0.00	69.58 -0.93 0.00	68.84 -0.77 0.00	118.88 -1.33 0.00	92.34 -1.20 0.00	58.16 -0.97 0.00	67.97 -1.25 0.00	59.72 -0.89 0.00	58.42 -0.99 0.00	58.22 -0.99 0.00
NEG CENTRAL___STATE_STREET 24147	53.21 -0.36 -0.01	54.84 -0.37 0.00	55.63 -0.45 0.00	54.85 -0.37 -0.02	54.91 -0.32 0.00	56.46 -0.19 0.00	112.58 -0.25 0.00	106.05 0.03 -0.63	53.47 -0.19 0.00	48.69 -0.53 0.00	50.60 -0.54 0.00	51.91 -0.20 0.00	63.70 -0.46 0.00	56.45 -0.36 0.00	60.32 -0.34 0.00	70.26 -0.24 0.00	69.69 -0.22 -0.29	121.17 -0.63 -1.60	93.36 -0.53 -0.34	59.47 -0.42 -0.76	68.69 -0.54 0.00	60.33 -0.28 0.00	59.09 -0.32 0.00	58.88 -0.34 0.00
NEG MILLWOOD___DRP 24198	55.88 2.31 0.00	57.24 2.02 0.00	58.01 1.93 0.00	57.09 1.90 0.00	57.11 1.88 0.00	58.68 2.03 0.00	117.02 4.20 0.00	109.37 3.97 0.00	55.74 2.09 0.00	51.29 2.06 0.00	53.58 2.44 0.00	54.77 2.66 0.00	67.14 2.98 0.00	59.73 2.92 0.00	63.46 2.81 0.00	73.16 2.65 0.00	72.44 2.83 0.00	125.33 5.12 0.00	97.35 3.80 0.00	61.39 2.26 0.00	71.79 2.57 0.00	62.80 2.20 0.00	61.70 2.29 0.00	61.30 2.09 0.00
NEG NORTH_FLCN_SEA 23793	54.58 1.02 0.00	56.19 0.97 0.00	57.02 0.94 0.00	55.95 0.75 0.00	55.96 0.74 0.00	57.25 0.60 0.00	115.24 2.41 0.00	108.03 2.64 0.00	54.96 1.31 0.00	50.41 1.18 0.00	52.21 1.08 0.00	53.11 1.00 0.00	65.66 1.50 0.00	57.86 1.05 0.00	61.41 0.75 0.00	71.71 1.21 0.00	70.70 1.09 0.00	121.90 1.70 0.00	95.00 1.45 0.00	59.93 0.79 0.00	70.20 0.98 0.00	61.63 1.03 0.00	60.84 1.43 0.00	61.29 2.07 0.00
NEG NORTH_KES_CHATEGAY 23792	54.38 0.81 0.00	56.03 0.81 0.00	56.91 0.83 0.00	55.95 0.76 0.00	56.09 0.86 0.00	57.68 1.03 0.00	115.70 2.87 0.00	108.46 3.07 0.00	55.15 1.49 0.00	50.54 1.32 0.00	52.30 1.17 0.00	53.16 1.05 0.00	65.71 1.54 0.00	57.97 1.16 0.00	61.86 1.20 0.00	72.21 1.71 0.00	71.24 1.63 0.00	122.87 2.67 0.00	95.70 2.16 0.00	60.41 1.28 0.00	70.79 1.57 0.00	62.09 1.49 0.00	61.00 1.59 0.00	61.15 1.93 0.00
NEG NORTH___ALICE_FALLS 23915	54.85 1.29 0.00	56.47 1.26 0.00	57.30 1.23 0.00	56.29 1.10 0.00	56.39 1.16 0.00	57.85 1.20 0.00	116.35 3.52 0.00	109.13 3.74 0.00	55.50 1.84 0.00	50.84 1.61 0.00	52.49 1.35 0.00	53.46 1.36 0.00	66.15 1.99 0.00	58.35 1.54 0.00	62.07 1.42 0.00	72.54 2.03 0.00	71.53 1.93 0.00	123.45 3.24 0.00	96.24 2.70 0.00	60.68 1.54 0.00	71.06 1.84 0.00	62.34 1.74 0.00	61.37 1.96 0.00	61.64 2.43 0.00
NEG NORTH___LWR_SARANAC 23913	54.85 1.29 0.00	56.47 1.26 0.00	57.30 1.23 0.00	56.29 1.10 0.00	56.39 1.16 0.00	57.85 1.20 0.00	116.35 3.52 0.00	109.13 3.74 0.00	55.50 1.84 0.00	50.84 1.61 0.00	52.49 1.35 0.00	53.46 1.36 0.00	66.15 1.99 0.00	58.35 1.54 0.00	62.07 1.42 0.00	72.54 2.03 0.00	71.53 1.93 0.00	123.45 3.24 0.00	96.24 2.70 0.00	60.68 1.54 0.00	71.06 1.84 0.00	62.34 1.74 0.00	61.37 1.96 0.00	61.64 2.43 0.00
NEG NORTH___PLATTSBURG 23628	54.85 1.28 0.00	56.48 1.26 0.00	57.31 1.23 0.00	56.29 1.09 0.00	56.39 1.16 0.00	57.85 1.20 0.00	116.34 3.52 0.00	109.13 3.74 0.00	55.50 1.84 0.00	50.84 1.61 0.00	52.48 1.35 0.00	53.46 1.36 0.00	66.15 1.99 0.00	58.35 1.53 0.00	62.07 1.42 0.00	72.54 2.03 0.00	71.53 1.92 0.00	123.43 3.23 0.00	96.24 2.70 0.00	60.68 1.54 0.00	71.06 1.84 0.00	62.34 1.74 0.00	61.37 1.96 0.00	61.64 2.43 0.00
NEG WEST_LEA_LOCKPORT 23791	49.66 -3.89 0.02	51.15 -4.07 0.00	51.69 -4.39 0.00	50.94 -4.23 0.03	50.95 -4.28 0.00	52.66 -3.99 0.00	104.20 -8.63 0.00	97.61 -6.98 0.81	50.10 -3.56 0.00	46.19 -3.04 0.00	48.00 -3.13 0.00	49.22 -2.89 0.00	60.60 -3.56 0.00	53.33 -3.49 0.00	56.18 -4.48 0.00	66.02 -4.48 0.00	64.52 -4.56 0.53	109.38 -7.96 2.86	86.29 -6.64 0.62	53.20 -4.58 1.35	63.77 -5.46 0.00	56.69 -3.91 0.00	55.58 -3.83 0.00	55.70 -3.51 0.00
NEG WEST___LANCASTER 23811	50.05 -3.49 0.02	51.53 -3.69 0.00	52.10 -3.98 0.00	51.43 -3.73 0.04	51.46 -3.76 0.00	53.12 -3.53 0.00	105.28 -7.55 0.00	98.27 -6.10 1.02	50.57 -3.08 0.00	46.78 -2.45 0.00	48.52 -2.62 0.00	49.81 -2.30 0.00	61.37 -2.79 0.00	54.04 -2.77 0.00	56.94 -3.72 0.00	66.60 -3.90 0.00	64.73 -4.19 0.69	109.29 -7.18 3.74	86.85 -5.88 0.81	53.32 -4.04 1.77	64.49 -4.73 0.00	57.09 -3.52 0.00	56.04 -3.37 0.00	56.02 -3.20 0.00
NEG_PENN_ALLEGHNY 23528	53.18 -0.38 0.01	54.76 -0.46 0.00	55.63 -0.45 0.00	54.86 -0.32 0.01	54.91 -0.32 0.00	56.34 -0.31 0.00	112.13 -0.70 0.00	104.57 -0.45 0.37	53.37 -0.29 0.00	48.98 -0.24 0.00	50.84 -0.30 0.00	52.09 -0.01 0.00	64.10 -0.06 0.00	56.80 -0.02 0.00	60.43 -0.22 0.00	70.11 -0.40 0.00	68.92 -0.47 0.22	118.21 -0.80 1.20	92.66 -0.63 0.26	58.14 -0.42 0.57	68.75 -0.47 0.00	60.22 -0.38 0.00	59.05 -0.37 0.00	58.82 -0.40 0.00
NEG___GEN_MONROE 24207	51.90 -1.65 0.01	53.44 -1.77 0.00	54.08 -2.00 0.00	53.24 -1.94 0.02	53.36 -1.87 0.00	55.07 -1.58 0.00	109.61 -3.22 0.00	102.63 -2.28 0.49	52.38 -1.28 0.00	48.05 -1.18 0.00	49.93 -1.21 0.00	51.23 -0.88 0.00	63.00 -1.16 0.00	55.70 -1.11 0.00	59.03 -1.63 0.00	68.97 -1.54 0.00	67.81 -1.49 0.32	116.17 -2.30 1.74	91.01 -2.16 0.37	56.61 -1.71 0.82	67.12 -2.10 0.00	59.21 -1.40 0.00	57.92 -1.49 0.00	57.81 -1.40 0.00
NEPA___ENERGY 23901	49.71 -3.83 0.02	51.26 -3.96 0.00	51.81 -4.27 0.00	51.28 -3.88 0.04	51.30 -3.92 0.00	52.98 -3.67 0.00	105.18 -7.65 0.00	98.18 -6.20 1.01	50.36 -3.30 0.00	46.71 -2.52 0.00	48.49 -2.65 0.00	49.79 -2.31 0.00	61.33 -2.83 0.00	54.07 -2.75 0.00	56.88 -3.78 0.00	66.24 -4.26 0.00	64.11 -4.82 0.67	108.23 -8.31 3.66	86.34 -6.41 0.79	53.18 -4.22 1.74	64.52 -4.70 0.00	56.89 -3.71 0.00	55.95 -3.46 0.00	55.86 -3.36 0.00

NEVERSINK___HYD 23608	54.89 1.33 0.00	56.27 1.06 0.00	57.14 1.06 0.00	56.26 1.06 0.00	56.28 1.05 0.00	57.79 1.14 0.00	115.30 2.47 0.00	107.76 2.36 0.00	54.94 1.28 0.00	50.75 1.53 0.00	52.82 1.68 0.00	53.99 1.88 0.00	66.26 2.10 0.00	58.99 2.18 0.00	62.79 2.14 0.00	72.45 1.95 0.00	71.76 2.15 0.00	124.13 3.92 0.00	96.42 2.88 0.00	60.85 1.72 0.00	71.16 1.94 0.00	62.26 1.66 0.00	61.13 1.72 0.00	60.71 1.50 0.00
NEWKRMKL_115KV_TB1 55635	54.01 0.44 0.00	55.68 0.46 0.00	56.51 0.42 0.00	55.58 0.39 0.00	55.62 0.39 0.00	56.91 0.27 0.00	112.96 0.13 0.00	105.03 -0.36 0.00	53.26 -0.40 0.00	48.76 -0.46 0.00	50.59 -0.54 0.00	51.63 -0.48 0.00	63.52 -0.64 0.00	56.53 -0.28 0.00	60.48 -0.18 0.00	70.23 -0.28 0.00	69.30 -0.31 0.00	119.78 -0.43 0.00	93.51 -0.03 0.00	59.25 0.12 0.00	69.25 0.03 0.00	60.28 -0.32 0.00	59.03 -0.38 0.00	58.66 -0.56 0.00
NEWTON___FALLS_HYD 23847	53.80 0.23 0.00	55.62 0.40 0.00	56.72 0.64 0.00	55.99 0.80 0.00	56.19 0.97 0.00	57.85 1.20 0.00	115.72 2.90 0.00	108.73 3.33 0.00	55.27 1.62 0.00	50.37 1.15 0.00	52.05 0.91 0.00	52.57 0.46 0.00	64.63 0.47 0.00	56.62 -0.19 0.00	61.15 0.50 0.00	71.77 1.27 0.00	70.77 1.16 0.00	121.96 1.76 0.00	94.53 0.98 0.00	59.81 0.67 0.00	70.66 1.43 0.00	62.00 1.39 0.00	61.03 1.62 0.00	60.89 1.68 0.00
NGRID_A1_DSASP 323792	49.06 -4.49 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.32 -4.84 0.03	50.34 -4.88 0.00	52.00 -4.64 0.00	102.77 -10.05 0.00	95.99 -8.59 0.81	49.40 -4.26 0.00	45.60 -3.63 0.00	47.40 -3.73 0.00	48.57 -3.53 0.00	59.83 -4.33 0.00	52.58 -4.23 0.00	55.39 -5.27 0.00	64.93 -5.57 0.00	63.15 -5.92 0.53	106.85 -10.46 2.90	84.32 -8.60 0.63	51.95 -5.81 1.37	62.31 -6.91 0.00	55.67 -4.93 0.00	54.71 -4.70 0.00	54.89 -4.33 0.00
NGRID_A2_DSASP 323793	49.06 -4.49 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.32 -4.84 0.03	50.34 -4.88 0.00	52.00 -4.64 0.00	102.77 -10.05 0.00	95.99 -8.59 0.81	49.40 -4.26 0.00	45.60 -3.63 0.00	47.40 -3.73 0.00	48.57 -3.53 0.00	59.83 -4.33 0.00	52.58 -4.23 0.00	55.39 -5.27 0.00	64.93 -5.57 0.00	63.15 -5.92 0.53	106.85 -10.46 2.90	84.32 -8.60 0.63	51.95 -5.81 1.37	62.31 -6.91 0.00	55.67 -4.93 0.00	54.71 -4.70 0.00	54.89 -4.33 0.00
NGRID_A4_DSASP 323807	49.06 -4.49 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.32 -4.84 0.03	50.34 -4.88 0.00	52.00 -4.64 0.00	102.77 -10.05 0.00	95.99 -8.59 0.81	49.40 -4.26 0.00	45.60 -3.63 0.00	47.40 -3.73 0.00	48.57 -3.53 0.00	59.83 -4.33 0.00	52.58 -4.23 0.00	55.39 -5.27 0.00	64.93 -5.57 0.00	63.15 -5.92 0.53	106.85 -10.46 2.90	84.32 -8.60 0.63	51.95 -5.81 1.37	62.31 -6.91 0.00	55.67 -4.93 0.00	54.71 -4.70 0.00	54.89 -4.33 0.00
NIAGARA_115E_LBMP 323715	48.92 -4.63 0.02	50.40 -4.81 0.00	50.92 -5.15 0.00	50.15 -5.01 0.03	50.16 -5.06 0.00	51.86 -4.79 0.00	102.46 -10.36 0.00	95.97 -8.61 0.82	49.22 -4.44 0.00	45.46 -3.77 0.00	47.26 -3.87 0.00	48.43 -3.67 0.00	59.68 -4.48 0.00	52.45 -4.36 0.00	55.20 -5.46 0.00	64.88 -5.63 0.00	63.40 -5.66 0.54	107.39 -9.88 2.93	84.75 -8.16 0.63	52.22 -5.53 1.39	62.61 -6.61 0.00	55.73 -4.87 0.00	54.65 -4.76 0.00	54.84 -4.38 0.00
NIAGARA_115W_LBMP 323714	48.96 -4.59 0.02	50.50 -4.72 0.00	51.01 -5.07 0.00	50.23 -4.93 0.03	50.23 -5.00 0.00	51.90 -4.75 0.00	102.62 -10.21 0.00	95.83 -8.76 0.81	49.28 -4.38 0.00	45.52 -3.71 0.00	47.31 -3.83 0.00	48.47 -3.63 0.00	59.76 -4.40 0.00	52.47 -4.34 0.00	55.27 -5.39 0.00	64.81 -5.70 0.00	63.00 -6.08 0.53	106.60 -10.71 2.89	84.10 -8.82 0.62	51.80 -5.96 1.37	62.16 -7.06 0.00	55.54 -5.06 0.00	54.61 -4.80 0.00	54.80 -4.42 0.00
NIAGARA_230_LBMP 323716	49.38 -4.17 0.02	50.92 -4.30 0.00	51.45 -4.63 0.00	50.66 -4.51 0.03	50.68 -4.55 0.00	52.36 -4.29 0.00	103.57 -9.26 0.00	96.82 -7.79 0.79	49.73 -3.92 0.00	45.95 -3.28 0.00	47.74 -3.40 0.00	48.90 -3.21 0.00	60.30 -3.86 0.00	52.96 -3.85 0.00	55.80 -4.86 0.00	65.50 -5.00 0.00	63.92 -5.17 0.51	108.37 -9.04 2.80	85.46 -7.48 0.60	52.70 -5.11 1.32	63.19 -6.04 0.00	56.17 -4.43 0.00	55.09 -4.32 0.00	55.26 -3.95 0.00
NIAGARA___115KV_198_GIBSON 55903	48.97 -4.58 0.02	50.50 -4.72 0.00	51.01 -5.06 0.00	50.25 -4.92 0.03	50.25 -4.98 0.00	51.90 -4.74 0.00	102.59 -10.23 0.00	95.80 -8.78 0.81	49.29 -4.37 0.00	45.50 -3.72 0.00	47.31 -3.83 0.00	48.47 -3.63 0.00	59.72 -4.44 0.00	52.48 -4.33 0.00	55.29 -5.36 0.00	64.81 -5.70 0.00	63.00 -6.08 0.53	106.60 -10.72 2.89	84.11 -8.81 0.62	51.82 -5.94 1.37	62.16 -7.07 0.00	55.56 -5.05 0.00	54.62 -4.79 0.00	54.80 -4.41 0.00
NIAGARA____ 23760	49.38 -4.17 0.02	50.92 -4.30 0.00	51.45 -4.63 0.00	50.66 -4.51 0.03	50.68 -4.55 0.00	52.36 -4.29 0.00	103.57 -9.26 0.00	96.81 -7.79 0.80	49.73 -3.92 0.00	45.95 -3.28 0.00	47.74 -3.40 0.00	48.90 -3.21 0.00	60.30 -3.86 0.00	52.96 -3.85 0.00	55.80 -4.86 0.00	65.50 -5.00 0.00	63.92 -5.17 0.52	108.32 -9.04 2.85	85.45 -7.48 0.61	52.68 -5.11 1.34	63.19 -6.04 0.00	56.17 -4.43 0.00	55.09 -4.32 0.00	55.26 -3.95 0.00
NINE_MILE_1 23575	51.67 -1.90 0.00	53.26 -1.96 0.00	54.06 -2.02 0.00	53.21 -1.98 0.00	53.25 -1.98 0.00	54.67 -1.98 0.00	108.88 -3.95 0.00	101.77 -3.63 0.00	51.79 -1.87 0.00	47.46 -1.76 0.00	49.28 -1.86 0.00	50.29 -1.81 0.00	61.89 -2.27 0.00	54.83 -1.99 0.00	58.48 -2.18 0.00	68.04 -2.47 0.00	67.19 -2.41 0.00	116.03 -4.18 0.00	90.28 -3.27 0.00	57.01 -2.12 0.00	66.71 -2.51 0.00	58.44 -2.16 0.00	57.26 -2.16 0.00	57.09 -2.13 0.00
NINE_MILE_2 23744	51.67 -1.89 0.00	53.27 -1.95 0.00	54.07 -2.01 0.00	53.22 -1.98 0.00	53.27 -1.96 0.00	54.67 -1.98 0.00	108.88 -3.95 0.00	101.77 -3.62 0.00	51.79 -1.87 0.00	47.46 -1.76 0.00	49.28 -1.86 0.00	50.30 -1.81 0.00	61.89 -2.27 0.00	54.83 -1.98 0.00	58.48 -2.18 0.00	68.04 -2.46 0.00	67.21 -2.40 0.00	116.03 -4.18 0.00	90.29 -3.26 0.00	57.02 -2.11 0.00	66.71 -2.51 0.00	58.44 -2.16 0.00	57.27 -2.15 0.00	57.10 -2.12 0.00
NM_CAPITAL___DRP 24208	54.01 0.45 0.00	55.70 0.48 0.00	56.51 0.43 0.00	55.59 0.40 0.00	55.62 0.39 0.00	56.91 0.27 0.00	112.87 0.04 0.00	104.94 -0.45 0.00	53.31 -0.34 0.00	48.77 -0.46 0.00	50.61 -0.52 0.00	51.65 -0.45 0.00	63.53 -0.63 0.00	56.54 -0.28 0.00	60.51 -0.15 0.00	70.25 -0.25 0.00	69.34 -0.27 0.00	119.87 -0.33 0.00	93.63 0.08 0.00	59.37 0.24 0.00	69.38 0.16 0.00	60.38 -0.22 0.00	59.13 -0.28 0.00	58.77 -0.45 0.00
NM_CENTRAL___DRP 24181	52.48 -1.09 0.00	54.11 -1.11 0.00	54.97 -1.11 0.00	54.13 -1.07 0.00	54.18 -1.05 0.00	55.59 -1.05 0.00	110.76 -2.06 0.00	103.56 -1.84 0.00	52.67 -0.99 0.00	48.27 -0.96 0.00	50.10 -1.04 0.00	51.21 -0.89 0.00	63.00 -1.16 0.00	55.85 -0.96 0.00	59.57 -1.09 0.00	69.30 -1.20 0.00	68.44 -1.17 0.00	118.16 -2.05 0.00	91.90 -1.64 0.00	58.02 -1.12 0.00	67.87 -1.35 0.00	59.43 -1.17 0.00	58.21 -1.20 0.00	58.06 -1.16 0.00

NM_FRONTIER___DRP 24179	48.97 -4.58 0.02	50.50 -4.72 0.00	51.01 -5.06 0.00	50.25 -4.92 0.03	50.25 -4.98 0.00	51.90 -4.74 0.00	102.59 -10.23 0.00	95.80 -8.78 0.81	49.29 -4.37 0.00	45.50 -3.72 0.00	47.31 -3.83 0.00	48.47 -3.63 0.00	59.72 -4.44 0.00	52.48 -4.33 0.00	55.29 -5.36 0.00	64.81 -5.70 0.00	63.00 -6.08 0.53	106.60 -10.72 2.89	84.11 -8.81 0.62	51.82 -5.94 1.37	62.16 -7.07 0.00	55.56 -5.05 0.00	54.62 -4.79 0.00	54.80 -4.41 0.00
NM_ST_REGIS___HYD 24053	55.06 1.50 0.00	56.83 1.62 0.00	57.73 1.65 0.00	56.85 1.65 0.00	56.96 1.73 0.00	58.63 1.98 0.00	117.53 4.71 0.00	110.32 4.93 0.00	56.10 2.45 0.00	51.38 2.16 0.00	53.15 2.01 0.00	53.89 1.78 0.00	66.64 2.48 0.00	58.49 1.68 0.00	62.50 1.84 0.00	72.75 2.24 0.00	71.63 2.03 0.00	123.20 3.00 0.00	95.85 2.31 0.00	60.64 1.50 0.00	71.37 2.15 0.00	62.94 2.33 0.00	61.92 2.51 0.00	61.92 2.70 0.00
NORTHPORT___1 23551	55.27 1.70 0.00	56.61 1.39 0.00	57.33 1.26 0.00	56.39 1.20 0.00	56.00 0.77 0.00	44.57 0.65 12.73	11.03 0.72 102.52	11.01 0.64 95.02	11.01 0.56 43.21	16.50 0.82 33.55	51.68 1.62 1.09	53.95 1.85 0.00	55.16 1.52 10.52	51.27 2.07 7.61	9.83 1.58 52.41	20.43 0.99 51.06	17.01 1.50 54.10	17.66 3.14 105.68	17.01 2.09 78.63	13.62 1.26 46.78	10.96 1.35 59.62	17.01 1.18 44.77	19.74 1.75 41.42	17.01 1.36 43.57
NORTHPORT___2 23552	55.27 1.70 0.00	56.61 1.39 0.00	57.33 1.26 0.00	56.39 1.20 0.00	56.00 0.77 0.00	44.57 0.65 12.73	11.03 0.72 102.52	11.01 0.64 95.02	11.01 0.56 43.21	16.50 0.82 33.55	51.68 1.62 1.09	53.95 1.85 0.00	55.16 1.52 10.52	51.27 2.07 7.61	9.83 1.58 52.41	20.43 0.99 51.06	17.01 1.50 54.10	17.66 3.14 105.68	17.01 2.09 78.63	13.62 1.26 46.78	10.96 1.35 59.62	17.01 1.18 44.77	19.74 1.75 41.42	17.01 1.36 43.57
NORTHPORT___3 23553	55.32 1.76 0.00	56.67 1.45 0.00	57.39 1.32 0.00	56.43 1.24 0.00	56.05 0.82 0.00	49.87 0.70 7.48	42.66 0.74 70.91	38.65 0.66 67.41	19.09 0.57 35.14	23.71 0.85 26.37	51.73 1.67 1.08	54.01 1.90 0.00	59.54 1.56 6.18	54.44 2.10 4.47	31.43 1.56 30.79	41.50 0.99 29.99	40.21 1.49 30.89	61.23 3.11 62.08	49.44 2.09 46.19	32.90 1.25 27.48	35.54 1.35 35.02	36.07 1.18 25.71	36.77 1.76 24.40	33.78 1.39 26.83
NORTHPORT___4 23650	55.32 1.76 0.00	56.67 1.45 0.00	57.39 1.32 0.00	56.43 1.24 0.00	56.05 0.82 0.00	49.87 0.70 7.48	42.66 0.74 70.91	38.65 0.66 67.41	19.09 0.57 35.14	23.71 0.85 26.37	51.73 1.67 1.08	54.01 1.90 0.00	59.54 1.56 6.18	54.44 2.10 4.47	31.43 1.56 30.79	41.50 0.99 29.99	40.21 1.49 30.89	61.23 3.11 62.08	49.44 2.09 46.19	32.90 1.25 27.48	35.54 1.35 35.02	36.07 1.18 25.71	36.77 1.76 24.40	33.78 1.39 26.83
NORTHPORT___IC 23718	55.27 1.70 0.00	56.61 1.39 0.00	57.33 1.26 0.00	56.38 1.19 0.00	55.99 0.77 0.00	44.58 0.66 12.73	11.09 0.78 102.52	11.13 0.76 95.02	11.08 0.63 43.21	16.55 0.88 33.55	51.66 1.61 1.09	53.96 1.85 0.00	55.16 1.52 10.52	51.25 2.06 7.61	9.82 1.58 52.41	20.43 0.99 51.06	17.02 1.51 54.10	17.67 3.15 105.68	17.02 2.10 78.63	13.62 1.26 46.78	10.96 1.35 59.62	17.01 1.18 44.77	19.73 1.74 41.42	17.02 1.37 43.57
NORTH___COUNTRY_ESR 323785	54.25 0.69 0.00	55.92 0.71 0.00	56.79 0.71 0.00	55.84 0.65 0.00	55.99 0.76 0.00	57.55 0.91 0.00	115.40 2.57 0.00	108.17 2.77 0.00	55.01 1.35 0.00	50.48 1.25 0.00	52.29 1.15 0.00	53.15 1.04 0.00	65.67 1.51 0.00	57.91 1.10 0.00	61.77 1.11 0.00	72.10 1.59 0.00	71.07 1.47 0.00	122.54 2.34 0.00	95.41 1.86 0.00	60.24 1.11 0.00	70.60 1.38 0.00	61.93 1.33 0.00	60.85 1.44 0.00	61.00 1.79 0.00
NPX_GEN_1385_PROXY 323591	55.01 1.45 0.00	56.34 1.12 0.00	57.06 0.98 0.00	56.18 0.98 0.00	52.27 0.57 3.53	39.86 0.72 17.51	45.16 1.64 69.30	11.52 1.15 95.02	11.26 0.81 43.21	16.68 1.00 33.55	51.42 1.37 1.09	53.59 1.48 0.00	54.74 1.11 10.52	50.25 1.91 8.48	9.74 1.50 52.41	31.53 1.57 40.55	34.78 2.08 36.90	30.58 4.18 93.80	102.41 2.89 -5.97	98.66 1.77 -37.76	72.71 1.95 -1.54	17.37 1.54 44.77	19.95 1.96 41.42	16.96 1.31 43.57
NPX_GEN_CSC 323557	55.62 2.06 0.00	56.88 1.66 0.00	57.59 1.52 0.00	56.62 1.43 0.00	52.74 1.04 3.53	55.52 1.17 2.30	103.46 1.65 11.01	91.78 1.47 15.09	34.70 0.89 19.85	37.51 1.06 12.77	51.80 1.74 1.07	54.23 2.13 0.00	68.10 1.90 -2.05	60.04 2.61 -0.62	73.09 2.23 -10.20	82.32 1.89 -9.93	85.23 2.52 -13.11	146.28 5.51 -20.56	112.65 3.80 -15.30	70.36 2.12 -9.10	83.21 2.38 -11.60	72.98 1.87 -10.51	70.13 2.50 -8.21	66.28 1.95 -5.11
NSINS_S_GLNS_FALLS 23858	55.22 1.65 0.00	57.15 1.93 0.00	57.83 1.76 0.00	56.86 1.66 0.00	56.92 1.69 0.00	58.57 1.92 0.00	116.48 3.66 0.00	108.46 3.07 0.00	55.35 1.69 0.00	50.16 0.93 0.00	51.87 0.73 0.00	53.04 0.93 0.00	65.57 1.41 0.00	58.37 1.56 0.00	62.78 2.13 0.00	73.16 2.65 0.00	72.14 2.53 0.00	124.84 4.63 0.00	97.79 4.25 0.00	61.72 2.58 0.00	71.93 2.71 0.00	62.50 1.89 0.00	61.38 1.96 0.00	60.97 1.76 0.00
NUCOR_STEEL___DRP 24197	53.20 -0.38 -0.01	54.84 -0.38 0.00	55.61 -0.47 0.00	54.84 -0.37 -0.02	54.91 -0.32 0.00	56.44 -0.21 0.00	112.52 -0.31 0.00	105.92 -0.05 -0.58	53.43 -0.23 0.00	48.65 -0.57 0.00	50.57 -0.57 0.00	51.88 -0.22 0.00	63.63 -0.53 0.00	56.39 -0.42 0.00	60.29 -0.37 0.00	70.22 -0.28 0.00	69.61 -0.27 -0.28	120.93 -0.78 -1.50	93.24 -0.63 -0.32	59.37 -0.48 -0.71	68.62 -0.61 0.00	60.29 -0.32 0.00	59.06 -0.35 0.00	58.84 -0.37 0.00
NUMBER_THREE_WT_PWR 323818	53.33 -0.23 0.00	55.21 -0.01 0.00	56.53 0.45 0.00	55.99 0.80 0.00	56.28 1.05 0.00	57.95 1.31 0.00	116.25 3.43 0.00	109.25 3.86 0.00	55.53 1.88 0.00	50.40 1.18 0.00	51.80 0.67 0.00	52.09 -0.01 0.00	63.65 -0.51 0.00	55.76 -1.05 0.00	60.88 0.22 0.00	72.12 1.61 0.00	71.59 1.98 0.00	123.71 3.51 0.00	95.61 2.06 0.00	60.34 1.20 0.00	71.07 1.85 0.00	61.94 1.33 0.00	61.01 1.60 0.00	60.83 1.61 0.00
NYISO_LBMP_REFERENCE 24008	53.57 0.00 0.00	55.22 0.00 0.00	56.08 0.00 0.00	55.20 0.00 0.00	55.23 0.00 0.00	56.65 0.00 0.00	112.83 0.00 0.00	105.39 0.00 0.00	53.66 0.00 0.00	49.23 0.00 0.00	51.14 0.00 0.00	52.11 0.00 0.00	64.16 0.00 0.00	56.81 0.00 0.00	60.66 0.00 0.00	70.50 0.00 0.00	69.61 0.00 0.00	120.20 0.00 0.00	93.55 0.00 0.00	59.13 0.00 0.00	69.22 0.00 0.00	60.60 0.00 0.00	59.41 0.00 0.00	59.21 0.00 0.00
NYPA_BRENTWD____GT 24164	56.13 2.57 0.00	57.43 2.22 0.00	58.17 2.09 0.00	57.20 2.00 0.00	56.85 1.63 0.00	60.51 1.72 -2.14	103.64 2.85 12.04	92.26 2.64 15.77	35.90 1.70 19.45	38.42 1.80 12.61	52.54 2.43 1.03	54.77 2.67 0.00	68.75 2.82 -1.77	61.43 3.33 -1.28	72.29 2.83 -8.81	81.44 2.35 -8.58	84.22 2.92 -11.69	143.60 5.63 -17.76	110.82 4.06 -13.21	69.67 2.67 -7.86	82.19 2.95 -10.02	73.08 2.55 -9.92	71.88 3.02 -9.45	67.20 2.61 -5.38

NYPA_GOWANUS____GT5 24156	55.73	56.91	57.65	56.77	56.71	58.23	116.10	108.69	55.58	51.30	53.63	54.73	66.80	59.59	63.15	72.60	71.89	124.46	96.50	60.87	71.24	62.47	61.41	61.12
	2.17	1.69	1.57	1.57	1.49	1.58	3.28	3.30	1.92	2.07	2.49	2.63	2.64	2.78	2.50	2.10	2.29	4.26	2.95	1.74	2.02	1.87	2.00	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_GOWANUS____GT6 24157	55.73	56.91	57.65	56.77	56.71	58.23	116.10	108.69	55.58	51.30	53.63	54.73	66.80	59.59	63.15	72.60	71.89	124.46	96.50	60.87	71.24	62.47	61.41	61.12
	2.17	1.69	1.57	1.57	1.49	1.58	3.28	3.30	1.92	2.07	2.49	2.63	2.64	2.78	2.50	2.10	2.29	4.26	2.95	1.74	2.02	1.87	2.00	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_HARLEM__RVR__GT1 24160	55.54	56.81	57.57	56.64	56.60	58.17	116.09	108.51	55.50	51.17	53.42	54.58	66.73	59.42	63.05	72.54	71.88	124.33	96.41	60.81	71.15	62.43	61.40	61.03
	1.98	1.59	1.49	1.44	1.37	1.52	3.26	3.11	1.85	1.95	2.29	2.47	2.57	2.61	2.39	2.04	2.28	4.12	2.86	1.67	1.93	1.83	1.98	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_HARLEM__RVR__GT2 24161	55.54	56.81	57.57	56.64	56.60	58.17	116.09	108.51	55.50	51.17	53.42	54.58	66.73	59.42	63.05	72.54	71.88	124.33	96.41	60.81	71.15	62.43	61.40	61.03
	1.98	1.59	1.49	1.44	1.37	1.52	3.26	3.11	1.85	1.95	2.29	2.47	2.57	2.61	2.39	2.04	2.28	4.12	2.86	1.67	1.93	1.83	1.98	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_KENT____GT 24152	55.69	56.89	57.62	56.73	56.67	58.17	115.99	108.55	55.52	51.27	53.62	54.75	66.85	59.58	63.16	72.60	71.91	124.37	96.44	60.81	71.16	62.42	61.38	61.06
	2.13	1.67	1.55	1.54	1.44	1.52	3.16	3.15	1.86	2.04	2.48	2.64	2.69	2.76	2.50	2.10	2.30	4.17	2.90	1.68	1.94	1.82	1.97	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_POUCH1____GT 24155	55.67	56.83	57.55	56.72	56.68	58.22	116.06	108.66	55.55	51.26	53.52	54.59	66.52	59.39	62.96	72.39	71.72	124.27	96.35	60.79	71.09	62.35	61.25	61.01
	2.10	1.61	1.47	1.52	1.45	1.57	3.24	3.26	1.89	2.04	2.38	2.48	2.36	2.58	2.30	1.89	2.11	4.07	2.81	1.65	1.87	1.75	1.84	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_VERNON____GT2 24162	55.64	56.86	57.60	56.69	56.66	58.16	115.99	108.49	55.51	51.26	53.62	54.77	66.88	59.57	63.13	72.59	71.91	124.38	96.45	60.81	71.15	62.39	61.35	61.00
	2.07	1.64	1.52	1.50	1.43	1.51	3.16	3.09	1.85	2.04	2.48	2.66	2.72	2.76	2.48	2.08	2.31	4.17	2.90	1.68	1.93	1.78	1.94	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_VERNON____GT3 24163	55.64	56.86	57.60	56.69	56.66	58.16	115.99	108.49	55.51	51.26	53.62	54.77	66.88	59.57	63.13	72.59	71.91	124.38	96.45	60.81	71.15	62.39	61.35	61.00
	2.07	1.64	1.52	1.50	1.43	1.51	3.16	3.09	1.85	2.04	2.48	2.66	2.72	2.76	2.48	2.08	2.31	4.17	2.90	1.68	1.93	1.78	1.94	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA____ASTORIA_CC1 323568	55.63	56.86	57.58	56.68	56.63	58.16	115.95	108.45	55.51	51.25	53.59	54.74	66.85	59.53	63.10	72.55	71.87	124.30	96.41	60.80	71.13	62.37	61.32	60.96
	2.06	1.64	1.50	1.49	1.40	1.51	3.13	3.06	1.85	2.02	2.45	2.63	2.69	2.72	2.44	2.04	2.26	4.10	2.86	1.66	1.90	1.76	1.91	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA____ASTORIA_CC2 323569	55.63	56.86	57.58	56.68	56.63	58.16	115.95	108.45	55.51	51.25	53.59	54.74	66.85	59.53	63.10	72.55	71.87	124.30	96.41	60.80	71.13	62.37	61.32	60.96
	2.06	1.64	1.50	1.49	1.40	1.51	3.13	3.06	1.85	2.02	2.45	2.63	2.69	2.72	2.44	2.04	2.26	4.10	2.86	1.66	1.90	1.76	1.91	1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA____HOLTSVILL 23794	55.48	56.76	57.45	56.50	56.13	60.16	103.63	91.91	34.67	37.57	51.80	54.12	68.08	60.75	73.24	82.31	85.19	145.94	112.43	70.32	83.20	73.02	69.97	66.33
	1.92	1.54	1.37	1.31	0.90	0.91	1.14	1.03	0.73	0.99	1.74	2.01	1.77	2.38	1.88	1.37	1.93	4.14	2.81	1.63	1.80	1.50	2.10	1.69
	0.00	0.00	0.00	0.00	0.00	-2.60	10.34	14.51	19.72	12.65	1.07	0.00	-2.15	-1.56	-10.71	-10.43	-13.65	-21.60	-16.07	-9.56	-12.18	-10.92	-8.46	-5.42
NYPA____HELLGATE_GT1 24158	55.54	56.81	57.57	56.64	56.59	58.09	115.90	108.35	55.42	51.10	53.42	54.58	66.73	59.42	63.03	72.43	71.77	124.14	96.25	60.72	71.07	62.39	61.35	61.01
	1.98	1.59	1.49	1.44	1.36	1.44	3.07	2.96	1.76	1.88	2.29	2.47	2.57	2.61	2.37	1.93	2.17	3.94	2.70	1.58	1.85	1.79	1.93	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA____HELLGATE_GT2 24159	55.54	56.81	57.57	56.64	56.59	58.09	115.90	108.35	55.42	51.10	53.42	54.58	66.73	59.42	63.03	72.43	71.77	124.14	96.25	60.72	71.07	62.39	61.35	61.01
	1.98	1.59	1.49	1.44	1.36	1.44	3.07	2.96	1.76	1.88	2.29	2.47	2.57	2.61	2.37	1.93	2.17	3.94	2.70	1.58	1.85	1.79	1.93	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYS_BARGE____HYD 23848	49.69	51.18	51.73	50.94	50.97	52.69	104.31	97.75	50.11	46.21	48.01	49.24	60.69	53.34	56.18	66.04	64.57	109.54	86.35	53.26	63.79	56.71	55.58	55.72
	-3.86	-4.04	-4.35	-4.22	-4.26	-3.96	-8.52	-6.86	-3.55	-3.01	-3.12	-2.87	-3.47	-3.47	-4.48	-4.46	-4.53	-7.87	-6.59	-4.56	-5.43	-3.89	-3.83	-3.49
	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	2.80	0.60	1.32	0.00	0.00	0.00	
OAK ORCHARD____HYD 24046	51.66	53.21	53.85	53.02	53.09	54.79	109.04	102.02	52.10	47.90	49.78	51.01	62.87	55.47	58.78	68.61	67.44	115.51	90.52	56.34	66.82	58.92	57.61	57.53
	-1.90	-2.01	-2.23	-2.16	-2.14	-1.86	-3.79	-2.90	-1.56	-1.33	-1.35	-1.09	-1.29	-1.34	-1.88	-1.89	-1.87	-3.00	-2.66	-1.99	-2.40	-1.69	-1.80	-1.68
	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	1.69	0.36	0.80	0.00	0.00	0.00	

OAKDALE___35_KV_LOAD 356122	52.97 -0.59 0.01	54.57 -0.64 0.00	55.41 -0.67 0.00	54.64 -0.54 0.02	54.72 -0.51 0.00	56.10 -0.56 0.00	111.55 -1.27 0.00	103.88 -1.03 0.48	53.10 -0.56 0.00	48.77 -0.46 0.00	50.64 -0.49 0.00	51.87 -0.24 0.00	63.77 -0.39 0.00	56.53 -0.29 0.00	60.13 -0.52 0.00	69.76 -0.75 0.00	68.49 -0.83 0.29	117.17 -1.44 1.59	92.09 -1.11 0.34	57.66 -0.72 0.75	68.41 -0.81 0.00	59.94 -0.66 0.00	58.78 -0.64 0.00	58.58 -0.64 0.00
OCC_CHEM___DRP 24175	49.06 -4.49 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.32 -4.84 0.03	50.34 -4.88 0.00	52.00 -4.64 0.00	102.77 -10.05 0.00	95.99 -8.59 0.81	49.40 -4.26 0.00	45.60 -3.63 0.00	47.40 -3.73 0.00	48.57 -3.53 0.00	59.83 -4.33 0.00	52.58 -4.23 0.00	55.39 -5.27 0.00	64.93 -5.57 0.00	63.15 -5.92 0.53	106.85 -10.46 2.90	84.32 -8.60 0.63	51.95 -5.81 1.37	62.31 -6.91 0.00	55.67 -4.93 0.00	54.71 -4.70 0.00	54.89 -4.33 0.00
OH_GEN_PROXY 24063	49.44 -4.11 0.02	50.98 -4.24 0.00	51.52 -4.56 0.00	50.74 -4.42 0.03	1.33 -4.47 49.42	47.66 -4.21 4.78	103.80 -9.03 0.00	97.03 -7.58 0.78	49.84 -3.81 0.00	46.05 -3.18 0.00	47.84 -3.30 0.00	49.01 -3.10 0.00	60.43 -3.73 0.00	52.22 -3.73 0.87	55.95 -4.71 0.00	65.60 -4.90 0.00	64.06 -5.04 0.51	93.61 -8.81 17.78	85.65 -7.29 0.60	52.82 -5.00 1.31	63.33 -5.89 0.00	56.27 -4.34 0.00	55.16 -4.25 0.00	55.29 -3.93 0.00
OLIN_CORP_DRP 24177	49.03 -4.52 0.02	50.51 -4.71 0.00	51.03 -5.05 0.00	50.27 -4.90 0.03	50.29 -4.94 0.00	51.97 -4.68 0.00	102.65 -10.17 0.00	96.14 -8.42 0.83	49.36 -4.30 0.00	45.55 -3.68 0.00	47.35 -3.79 0.00	48.53 -3.58 0.00	59.76 -4.40 0.00	52.56 -4.25 0.00	55.34 -5.32 0.00	65.04 -5.47 0.00	63.53 -5.53 0.55	107.59 -9.64 2.97	84.92 -7.98 0.64	52.32 -5.41 1.41	62.76 -6.46 0.00	55.85 -4.76 0.00	54.76 -4.65 0.00	54.94 -4.27 0.00
OLIN_CORP_DSASP 323712	49.06 -4.49 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.32 -4.84 0.03	50.34 -4.88 0.00	52.00 -4.64 0.00	102.77 -10.05 0.00	95.99 -8.59 0.81	49.40 -4.26 0.00	45.60 -3.63 0.00	47.40 -3.73 0.00	48.57 -3.53 0.00	59.83 -4.33 0.00	52.58 -4.23 0.00	55.39 -5.27 0.00	64.93 -5.57 0.00	63.15 -5.92 0.53	106.85 -10.46 2.90	84.32 -8.60 0.63	51.95 -5.81 1.37	62.31 -6.91 0.00	55.67 -4.93 0.00	54.71 -4.70 0.00	54.89 -4.33 0.00
ONEIDA_HERK_LFGE 323681	54.09 0.52 0.00	55.87 0.65 0.00	56.97 0.89 0.00	56.20 1.01 0.00	56.38 1.15 0.00	57.99 1.34 0.00	115.92 3.10 0.00	108.56 3.17 0.00	55.23 1.57 0.00	50.43 1.21 0.00	52.10 0.96 0.00	52.80 0.70 0.00	64.63 0.47 0.00	57.08 0.26 0.00	61.49 0.83 0.00	72.13 1.63 0.00	71.45 1.84 0.00	123.49 3.29 0.00	95.84 2.29 0.00	60.52 1.39 0.00	71.00 1.78 0.00	61.96 1.35 0.00	60.80 1.39 0.00	60.53 1.31 0.00
ONEIDA___115KV_TB4 55905	54.42 0.86 0.00	56.23 1.02 0.00	57.21 1.13 0.00	56.36 1.17 0.00	56.49 1.26 0.00	58.13 1.48 0.00	116.07 3.24 0.00	108.50 3.11 0.00	55.18 1.52 0.00	50.55 1.32 0.00	52.30 1.17 0.00	53.24 1.14 0.00	65.21 1.05 0.00	57.84 1.03 0.00	61.84 1.19 0.00	72.22 1.72 0.00	71.49 1.88 0.00	123.39 3.19 0.00	95.96 2.42 0.00	60.56 1.43 0.00	70.90 1.68 0.00	61.94 1.34 0.00	60.66 1.25 0.00	60.32 1.11 0.00
ONONDAGA_REF_OCCRA 23987	52.91 -0.67 -0.01	54.54 -0.68 0.00	55.39 -0.70 0.00	54.55 -0.66 -0.01	54.60 -0.63 0.00	56.04 -0.61 0.00	111.71 -1.12 0.00	104.72 -0.94 -0.27	53.09 -0.57 0.00	48.60 -0.63 0.00	50.44 -0.69 0.00	51.60 -0.50 0.00	63.48 -0.69 0.00	56.29 -0.52 0.00	60.04 -0.61 0.00	69.86 -0.64 0.00	69.19 -0.60 -0.18	120.20 -0.99 -0.98	92.93 -0.83 -0.21	59.01 -0.59 -0.46	68.47 -0.76 0.00	59.95 -0.66 0.00	58.71 -0.70 0.00	58.52 -0.70 0.00
ONONDAGA___COGEN 23986	52.81 -0.76 0.00	54.43 -0.79 0.00	55.27 -0.81 0.00	54.43 -0.76 -0.01	54.50 -0.73 0.00	55.97 -0.68 0.00	111.55 -1.28 0.00	104.51 -1.08 -0.20	53.00 -0.66 0.00	48.49 -0.74 0.00	50.34 -0.80 0.00	51.51 -0.59 0.00	63.34 -0.82 0.00	56.16 -0.66 0.00	59.92 -0.74 0.00	69.72 -0.78 0.00	68.96 -0.75 -0.10	119.47 -1.30 -0.56	92.59 -1.08 -0.12	58.65 -0.75 -0.26	68.31 -0.91 0.00	59.85 -0.75 0.00	58.60 -0.81 0.00	58.40 -0.81 0.00
ONTARIO___LFGE 23819	52.47 -1.10 0.00	54.04 -1.18 0.00	54.76 -1.32 0.00	53.94 -1.25 0.00	54.02 -1.21 0.00	55.70 -0.95 0.00	111.05 -1.77 0.00	104.21 -1.19 0.00	52.85 -0.81 0.00	48.30 -0.92 0.00	50.16 -0.98 0.00	51.45 -0.65 0.00	63.38 -0.78 0.00	56.10 -0.71 0.00	59.66 -1.00 0.00	69.58 -0.93 0.00	68.83 -0.78 0.00	118.88 -1.33 0.00	92.33 -1.22 0.00	58.15 -0.99 0.00	67.97 -1.25 0.00	59.72 -0.89 0.00	58.41 -1.00 0.00	58.22 -1.00 0.00
ORANGEVILLE_WT_PWR 323706	49.18 -4.35 0.03	50.49 -4.73 0.00	51.13 -4.95 0.00	50.51 -4.64 0.05	50.56 -4.67 0.00	52.11 -4.54 0.00	103.36 -9.47 0.00	96.28 -7.63 1.49	49.86 -3.80 0.00	46.12 -3.11 0.00	47.68 -3.45 0.00	48.80 -3.31 0.00	60.22 -3.94 0.00	53.03 -3.79 0.00	56.11 -4.54 0.00	66.09 -4.41 0.00	64.19 -4.50 0.91	107.24 -7.97 4.98	86.08 -6.39 1.08	52.52 -4.25 2.36	64.49 -4.74 0.00	57.19 -3.41 0.00	56.18 -3.23 0.00	56.21 -3.01 0.00
ORANGEVILLE___ESR 323794	49.18 -4.35 0.03	50.49 -4.73 0.00	51.13 -4.95 0.00	50.51 -4.64 0.05	50.56 -4.67 0.00	52.11 -4.54 0.00	103.36 -9.47 0.00	96.28 -7.63 1.49	49.86 -3.80 0.00	46.12 -3.11 0.00	47.68 -3.45 0.00	48.80 -3.31 0.00	60.22 -3.94 0.00	53.03 -3.79 0.00	56.11 -4.54 0.00	66.09 -4.41 0.00	64.19 -4.50 0.91	107.24 -7.97 4.98	86.08 -6.39 1.08	52.52 -4.25 2.36	64.49 -4.74 0.00	57.19 -3.41 0.00	56.18 -3.23 0.00	56.21 -3.01 0.00
OSWEGATCHIE___HYD 24044	53.80 0.23 0.00	55.62 0.40 0.00	56.72 0.64 0.00	55.99 0.80 0.00	56.20 0.97 0.00	57.85 1.20 0.00	115.72 2.90 0.00	108.73 3.33 0.00	55.27 1.62 0.00	50.37 1.15 0.00	52.05 0.91 0.00	52.57 0.46 0.00	64.64 0.47 0.00	56.62 -0.19 0.00	61.15 0.49 0.00	71.77 1.27 0.00	70.77 1.16 0.00	121.96 1.76 0.00	94.53 0.98 0.00	59.80 0.67 0.00	70.66 1.44 0.00	62.00 1.39 0.00	61.03 1.62 0.00	60.89 1.68 0.00
OSWEGO___5 23606	51.99 -1.57 0.00	53.60 -1.62 0.00	54.40 -1.68 0.00	53.57 -1.62 0.00	53.61 -1.62 0.00	55.02 -1.63 0.00	109.59 -3.24 0.00	102.45 -2.94 0.00	52.12 -1.54 0.00	47.77 -1.46 0.00	49.59 -1.55 0.00	50.64 -1.47 0.00	62.29 -1.87 0.00	55.19 -1.63 0.00	58.88 -1.77 0.00	68.51 -1.99 0.00	67.67 -1.94 0.00	116.83 -3.37 0.00	90.87 -2.67 0.00	57.40 -1.73 0.00	67.17 -2.05 0.00	58.84 -1.77 0.00	57.65 -1.76 0.00	57.46 -1.75 0.00
OSWEGO___6 23613	51.99 -1.57 0.00	53.60 -1.62 0.00	54.40 -1.68 0.00	53.57 -1.62 0.00	53.61 -1.62 0.00	55.02 -1.63 0.00	109.59 -3.24 0.00	102.45 -2.94 0.00	52.12 -1.54 0.00	47.77 -1.46 0.00	49.59 -1.55 0.00	50.64 -1.47 0.00	62.29 -1.87 0.00	55.19 -1.63 0.00	58.88 -1.77 0.00	68.51 -1.99 0.00	67.67 -1.94 0.00	116.83 -3.37 0.00	90.87 -2.67 0.00	57.40 -1.73 0.00	67.17 -2.05 0.00	58.84 -1.77 0.00	57.65 -1.76 0.00	57.46 -1.75 0.00

OUTOKUMPU-AB___DRP 24206	49.98 -3.57 0.02	51.46 -3.76 0.00	51.99 -4.09 0.00	51.23 -3.94 0.03	51.24 -3.98 0.00	52.99 -3.66 0.00	104.95 -7.88 0.00	98.17 -6.37 0.85	50.44 -3.22 0.00	46.55 -2.68 0.00	48.36 -2.77 0.00	49.62 -2.49 0.00	61.09 -3.07 0.00	53.73 -3.08 0.00	56.62 -4.04 0.00	66.44 -4.07 0.00	64.78 -4.27 0.56	109.64 -7.52 3.05	86.59 -6.30 0.66	53.32 -4.37 1.44	64.04 -5.18 0.00	56.96 -3.64 0.00	55.90 -3.51 0.00	56.00 -3.21 0.00
OXBOW___BTM 323836	49.43 -4.12 0.02	50.95 -4.27 0.00	51.46 -4.62 0.00	50.70 -4.47 0.03	50.70 -4.53 0.00	52.41 -4.24 0.00	103.76 -9.06 0.00	96.99 -7.56 0.83	49.85 -3.81 0.00	46.04 -3.19 0.00	47.83 -3.30 0.00	49.05 -3.06 0.00	60.44 -3.72 0.00	53.10 -3.71 0.00	55.93 -4.73 0.00	65.62 -4.88 0.00	63.90 -5.16 0.55	108.14 -9.09 2.98	85.36 -7.54 0.64	52.58 -5.15 1.41	63.11 -6.12 0.00	56.25 -4.36 0.00	55.24 -4.17 0.00	55.36 -3.85 0.00
OXBOW___ 24026	49.44 -4.11 0.02	50.95 -4.27 0.00	51.47 -4.61 0.00	50.71 -4.46 0.03	50.72 -4.51 0.00	52.43 -4.22 0.00	103.73 -9.09 0.00	96.98 -7.59 0.83	49.87 -3.79 0.00	46.03 -3.20 0.00	47.83 -3.30 0.00	49.05 -3.06 0.00	60.41 -3.75 0.00	53.11 -3.71 0.00	55.96 -4.69 0.00	65.63 -4.88 0.00	63.90 -5.16 0.55	108.15 -9.08 2.98	85.37 -7.53 0.64	52.58 -5.14 1.41	63.12 -6.10 0.00	56.26 -4.35 0.00	55.24 -4.17 0.00	55.37 -3.85 0.00
OXY_CHEM_DSASP 323612	49.06 -4.49 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.32 -4.84 0.03	50.34 -4.88 0.00	52.00 -4.64 0.00	102.77 -10.05 0.00	95.99 -8.59 0.81	49.40 -4.26 0.00	45.60 -3.63 0.00	47.40 -3.73 0.00	48.57 -3.53 0.00	59.83 -4.33 0.00	52.58 -4.23 0.00	55.39 -5.27 0.00	64.93 -5.57 0.00	63.15 -5.92 0.53	106.85 -10.46 2.90	84.32 -8.60 0.63	51.95 -5.81 1.37	62.31 -6.91 0.00	55.67 -4.93 0.00	54.71 -4.70 0.00	54.89 -4.33 0.00
OZONE_PARK_ESR 323760	56.07 2.50 0.00	57.30 2.08 0.00	58.02 1.94 0.00	57.10 1.91 0.00	57.08 1.86 0.00	58.66 2.01 0.00	117.11 4.29 0.00	109.50 4.11 0.00	55.95 2.30 0.00	51.60 2.38 0.00	53.93 2.79 0.00	55.11 3.01 0.00	67.46 3.30 0.00	60.06 3.25 0.00	63.67 3.01 0.00	73.26 2.76 0.00	72.59 2.98 0.00	125.59 5.39 0.00	97.43 3.88 0.00	61.42 2.29 0.00	71.83 2.61 0.00	62.92 2.32 0.00	61.92 2.51 0.00	61.51 2.29 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.06 -4.49 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.32 -4.84 0.03	50.34 -4.88 0.00	52.00 -4.64 0.00	102.77 -10.05 0.00	95.99 -8.59 0.81	49.40 -4.26 0.00	45.60 -3.63 0.00	47.40 -3.73 0.00	48.57 -3.53 0.00	59.83 -4.33 0.00	52.58 -4.23 0.00	55.39 -5.27 0.00	64.93 -5.57 0.00	63.15 -5.92 0.53	106.85 -10.46 2.90	84.32 -8.60 0.63	51.95 -5.81 1.37	62.31 -6.91 0.00	55.67 -4.93 0.00	54.71 -4.70 0.00	54.89 -4.33 0.00
PACKARD___115KV_DUPONT_184 80571	49.04 -4.51 0.02	50.58 -4.64 0.00	51.09 -4.99 0.00	50.32 -4.85 0.03	50.32 -4.90 0.00	52.00 -4.64 0.00	102.81 -10.01 0.00	96.02 -8.55 0.81	49.37 -4.29 0.00	45.61 -3.61 0.00	47.40 -3.74 0.00	48.56 -3.54 0.00	59.87 -4.29 0.00	52.56 -4.25 0.00	55.36 -5.29 0.00	64.93 -5.57 0.00	63.15 -5.93 0.53	106.85 -10.45 2.90	84.31 -8.61 0.63	51.94 -5.82 1.37	62.31 -6.92 0.00	55.66 -4.94 0.00	54.71 -4.70 0.00	54.88 -4.33 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	55.45 1.89 0.00	56.71 1.49 0.00	57.46 1.38 0.00	56.53 1.34 0.00	56.50 1.27 0.00	58.06 1.41 0.00	115.87 3.04 0.00	108.33 2.94 0.00	55.38 1.72 0.00	51.08 1.86 0.00	53.33 2.19 0.00	54.48 2.37 0.00	66.60 2.44 0.00	59.31 2.49 0.00	62.91 2.25 0.00	72.39 1.89 0.00	71.73 2.13 0.00	124.05 3.84 0.00	96.20 2.66 0.00	60.68 1.55 0.00	71.02 1.80 0.00	62.28 1.68 0.00	61.20 1.79 0.00	60.86 1.65 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	56.43 2.87 0.00	57.73 2.51 0.00	58.52 2.44 0.00	57.57 2.38 0.00	57.59 2.36 0.00	59.26 2.61 0.00	118.34 5.51 0.00	110.58 5.19 0.00	56.49 2.83 0.00	52.05 2.82 0.00	54.29 3.15 0.00	55.57 3.46 0.00	68.01 3.85 0.00	60.51 3.70 0.00	64.22 3.56 0.00	73.90 3.39 0.00	73.23 3.62 0.00	126.55 6.34 0.00	98.15 4.61 0.00	61.87 2.73 0.00	72.41 3.18 0.00	63.50 2.90 0.00	62.44 3.03 0.00	62.06 2.85 0.00
PATROON___115KV_TB1 80586	54.13 0.56 0.00	55.82 0.60 0.00	56.62 0.54 0.00	55.72 0.53 0.00	55.76 0.53 0.00	57.05 0.40 0.00	113.26 0.43 0.00	105.31 -0.09 0.00	53.42 -0.24 0.00	48.90 -0.32 0.00	50.74 -0.39 0.00	51.79 -0.32 0.00	63.72 -0.44 0.00	56.71 -0.10 0.00	60.67 0.02 0.00	70.46 -0.04 0.00	69.52 -0.09 0.00	120.16 -0.05 0.00	93.80 0.25 0.00	59.44 0.31 0.00	69.47 0.24 0.00	60.46 -0.14 0.00	59.20 -0.21 0.00	58.83 -0.39 0.00
PATTRSNVILLE___SOLAR 323815	54.57 1.00 0.00	56.23 1.01 0.00	57.11 1.03 0.00	56.18 0.99 0.00	56.25 1.02 0.00	57.71 1.06 0.00	114.84 2.01 0.00	107.15 1.76 0.00	54.15 0.49 0.00	49.40 0.17 0.00	51.38 0.24 0.00	52.57 0.46 0.00	64.62 0.46 0.00	57.31 0.50 0.00	61.26 0.61 0.00	71.54 1.04 0.00	70.84 1.24 0.00	122.72 2.51 0.00	95.59 2.04 0.00	60.42 1.29 0.00	70.68 1.46 0.00	61.80 1.20 0.00	60.53 1.12 0.00	60.25 1.03 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.18 -3.37 0.02	51.66 -3.56 0.00	52.21 -3.87 0.00	51.51 -3.65 0.03	51.56 -3.67 0.00	53.26 -3.38 0.00	105.61 -7.22 0.00	98.71 -5.71 0.98	50.77 -2.89 0.00	46.92 -2.31 0.00	48.70 -2.43 0.00	49.99 -2.12 0.00	61.57 -2.59 0.00	54.21 -2.60 0.00	57.12 -3.53 0.00	66.90 -3.60 0.00	65.09 -3.87 0.66	110.00 -6.65 3.56	87.27 -5.51 0.77	53.62 -3.83 1.69	64.74 -4.49 0.00	57.34 -3.26 0.00	56.26 -3.15 0.00	56.27 -2.95 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	55.88 2.31 0.00	57.24 2.02 0.00	58.01 1.93 0.00	57.09 1.90 0.00	57.11 1.88 0.00	58.68 2.03 0.00	117.02 4.20 0.00	109.37 3.97 0.00	55.74 2.09 0.00	51.29 2.06 0.00	53.58 2.44 0.00	54.77 2.66 0.00	67.14 2.98 0.00	59.73 2.92 0.00	63.46 2.81 0.00	73.16 2.65 0.00	72.44 2.83 0.00	125.33 5.12 0.00	97.35 3.80 0.00	61.39 2.26 0.00	71.79 2.57 0.00	62.80 2.20 0.00	61.70 2.29 0.00	61.30 2.09 0.00
PEEKSKILL___ 23653	55.38 1.82 0.00	56.69 1.47 0.00	57.49 1.41 0.00	56.57 1.38 0.00	56.56 1.33 0.00	58.08 1.43 0.00	115.75 2.92 0.00	108.10 2.70 0.00	55.15 1.49 0.00	50.78 1.56 0.00	53.02 1.88 0.00	54.18 2.08 0.00	66.41 2.25 0.00	59.11 2.30 0.00	62.76 2.11 0.00	72.27 1.76 0.00	71.52 1.92 0.00	123.73 3.53 0.00	96.04 2.49 0.00	60.58 1.45 0.00	70.88 1.66 0.00	62.04 1.44 0.00	61.04 1.63 0.00	60.67 1.46 0.00
PGE MADISON___WINDPWR 24146	55.18 1.59 -0.02	56.94 1.72 0.00	57.86 1.78 0.00	57.55 2.31 -0.04	57.77 2.54 0.00	59.44 2.79 0.00	119.66 6.83 0.00	114.37 7.33 -1.64	57.05 3.39 0.00	51.85 2.62 0.00	52.79 1.65 0.00	54.26 2.16 0.00	66.60 2.44 0.00	59.07 2.25 0.00	63.58 2.93 0.00	73.88 3.38 0.00	74.62 4.23 -0.78	132.57 8.13 -4.23	100.63 6.17 -0.91	64.62 3.48 -2.00	73.08 3.86 0.00	63.74 3.14 0.00	62.38 2.97 0.00	62.24 3.02 0.00

PIERCEFIELD___HYD 23852	54.98 1.42 0.00	56.78 1.56 0.00	57.69 1.61 0.00	56.82 1.62 0.00	56.93 1.70 0.00	58.61 1.96 0.00	117.38 4.55 0.00	110.17 4.77 0.00	56.03 2.38 0.00	51.31 2.08 0.00	53.07 1.93 0.00	53.77 1.66 0.00	66.46 2.30 0.00	58.29 1.48 0.00	62.31 1.65 0.00	72.46 1.96 0.00	71.31 1.70 0.00	122.56 2.35 0.00	95.29 1.74 0.00	60.35 1.22 0.00	71.13 1.90 0.00	62.80 2.20 0.00	61.84 2.43 0.00	61.77 2.56 0.00
PINELAWN_CC_1 323563	55.82 2.26 0.00	57.12 1.90 0.00	57.84 1.76 0.00	56.88 1.69 0.00	56.58 1.36 0.00	58.48 1.41 -0.43	95.87 2.36 19.32	86.18 2.27 21.49	35.67 1.32 19.31	37.63 1.46 13.05	52.38 2.14 0.91	54.44 2.34 0.00	66.83 2.31 -0.35	59.95 2.88 -0.26	64.83 2.43 -1.75	74.20 2.00 -1.70	76.46 2.53 -4.32	128.63 4.90 -3.53	99.65 3.48 -2.62	62.82 2.13 -1.56	73.58 2.37 -1.99	67.88 2.07 -5.21	71.27 2.58 -9.28	64.30 2.16 -2.92
PJM_GEN_HTTP_PROXY 323702	55.60 2.03 0.00	56.85 1.63 0.00	57.59 1.51 0.00	56.68 1.49 0.00	56.66 1.43 0.00	58.18 1.54 0.00	116.05 3.23 0.00	108.33 2.94 0.00	55.37 1.71 0.00	51.06 1.83 0.00	53.37 2.24 0.00	54.54 2.43 0.00	66.77 2.61 0.00	59.61 2.63 -0.16	63.04 2.38 0.00	72.54 2.03 0.00	71.84 2.24 0.00	124.23 4.02 0.00	92.34 2.86 4.06	60.79 1.66 0.00	71.11 1.88 0.00	62.27 1.66 0.00	61.27 1.86 0.00	60.90 1.68 0.00
PJM_GEN_KEystone 24065	52.60 -3.14 -2.18	51.81 -3.40 0.00	52.43 -3.65 0.00	51.79 -3.36 0.04	51.84 -3.39 0.00	53.32 -3.33 0.00	105.54 -7.28 0.00	98.18 -6.19 1.03	46.34 -3.15 4.17	46.83 -2.40 0.00	48.68 -2.46 0.00	49.98 -2.13 0.00	60.59 -2.66 0.90	54.15 -2.51 0.15	51.34 -3.41 5.90	61.79 -4.22 4.50	55.35 -4.62 9.64	108.64 -7.97 3.59	37.92 -3.36 52.27	56.01 -2.11 1.02	66.87 -2.36 0.00	59.08 -1.53 0.00	58.08 -1.33 0.00	57.76 -1.47 -0.02
PJM_GEN_NEPTUNE_PROXY 323594	55.35 1.79 0.00	56.66 1.44 0.00	57.39 1.32 0.00	56.44 1.24 0.00	56.18 0.95 0.00	57.63 0.97 0.00	86.52 1.56 27.87	76.60 1.43 30.23	29.15 0.93 25.44	32.99 1.14 17.37	51.79 1.81 1.16	54.10 2.00 0.00	66.06 1.90 0.00	59.28 2.31 -0.16	62.53 1.87 0.00	71.87 1.37 0.00	73.40 1.77 -2.02	123.68 3.47 0.00	91.87 2.38 4.06	60.58 1.45 0.00	70.83 1.61 0.00	62.35 1.43 -0.32	57.20 1.99 4.20	55.57 1.63 5.28
PJM_GEN_VFT_PROXY 323633	40.34 1.85 15.07	31.41 1.38 25.18	31.27 1.24 26.05	31.27 1.22 25.15	31.27 1.18 25.14	40.91 1.31 17.04	114.94 2.78 0.67	92.61 2.63 15.41	32.69 1.54 22.51	40.80 1.69 10.11	41.44 2.08 11.78	41.44 2.27 12.94	46.17 2.38 20.37	41.91 2.44 17.34	41.44 2.17 21.39	55.16 1.78 17.12	54.47 1.99 17.13	106.99 3.67 16.89	74.98 2.56 21.12	42.87 1.45 17.71	43.35 1.65 27.52	32.53 1.47 29.55	31.95 1.66 29.12	36.69 1.48 24.00
PLATSBRG_115KV_PMLD1 355749	54.54 0.98 0.00	56.18 0.96 0.00	56.99 0.91 0.00	55.96 0.77 0.00	56.03 0.80 0.00	57.40 0.76 0.00	115.41 2.58 0.00	108.22 2.83 0.00	55.06 1.40 0.00	50.48 1.26 0.00	52.28 1.14 0.00	53.18 1.08 0.00	65.74 1.58 0.00	57.94 1.13 0.00	61.59 0.93 0.00	71.90 1.40 0.00	70.89 1.29 0.00	122.25 2.05 0.00	95.23 1.69 0.00	60.10 0.97 0.00	70.40 1.18 0.00	61.80 1.20 0.00	60.93 1.52 0.00	61.26 2.05 0.00
PLEASANTVLY___LBMP 24000	55.08 1.52 0.00	56.45 1.23 0.00	57.26 1.18 0.00	56.35 1.16 0.00	56.35 1.12 0.00	57.79 1.13 0.00	115.07 2.24 0.00	107.42 2.03 0.00	54.83 1.17 0.00	50.45 1.22 0.00	52.66 1.52 0.00	53.80 1.69 0.00	65.94 1.78 0.00	58.68 1.86 0.00	62.36 1.70 0.00	71.89 1.38 0.00	71.11 1.50 0.00	122.99 2.79 0.00	95.58 2.03 0.00	60.33 1.20 0.00	70.59 1.36 0.00	61.77 1.17 0.00	60.72 1.30 0.00	60.37 1.16 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	55.51 1.94 0.00	56.84 1.62 0.00	57.60 1.52 0.00	56.69 1.50 0.00	56.67 1.45 0.00	58.18 1.53 0.00	115.92 3.10 0.00	108.31 2.92 0.00	55.28 1.62 0.00	50.91 1.69 0.00	53.17 2.04 0.00	54.36 2.26 0.00	66.63 2.47 0.00	59.29 2.48 0.00	62.96 2.30 0.00	72.49 1.99 0.00	71.75 2.15 0.00	124.15 3.94 0.00	96.41 2.86 0.00	60.81 1.68 0.00	71.14 1.92 0.00	62.26 1.66 0.00	61.23 1.82 0.00	60.85 1.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	55.51 1.94 0.00	56.84 1.62 0.00	57.60 1.52 0.00	56.69 1.50 0.00	56.67 1.45 0.00	58.18 1.53 0.00	115.92 3.10 0.00	108.31 2.92 0.00	55.28 1.62 0.00	50.91 1.69 0.00	53.17 2.04 0.00	54.36 2.26 0.00	66.63 2.47 0.00	59.29 2.48 0.00	62.96 2.30 0.00	72.49 1.99 0.00	71.75 2.15 0.00	124.15 3.94 0.00	96.41 2.86 0.00	60.81 1.68 0.00	71.14 1.92 0.00	62.26 1.66 0.00	61.23 1.82 0.00	60.85 1.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	55.55 1.99 0.00	56.95 1.73 0.00	57.76 1.68 0.00	56.85 1.66 0.00	56.87 1.64 0.00	58.35 1.70 0.00	116.29 3.47 0.00	108.63 3.23 0.00	55.36 1.70 0.00	50.93 1.70 0.00	53.17 2.03 0.00	54.33 2.23 0.00	66.66 2.50 0.00	59.27 2.46 0.00	63.00 2.34 0.00	72.72 2.22 0.00	71.92 2.32 0.00	124.44 4.24 0.00	96.71 3.16 0.00	61.09 1.96 0.00	71.42 2.20 0.00	62.44 1.84 0.00	61.32 1.91 0.00	60.93 1.72 0.00
POLETTI____ 23519	54.97 1.41 0.00	56.24 1.02 0.00	56.97 0.89 0.00	56.05 0.86 0.00	56.02 0.79 0.00	57.54 0.89 0.00	114.84 2.02 0.00	107.36 1.97 0.00	54.90 1.24 0.00	50.62 1.40 0.00	52.89 1.75 0.00	54.02 1.91 0.00	66.04 1.88 0.00	58.81 2.00 0.00	62.40 1.74 0.00	71.77 1.26 0.00	71.14 1.53 0.00	123.02 2.82 0.00	95.38 1.83 0.00	60.16 1.02 0.00	70.41 1.19 0.00	61.81 1.21 0.00	60.77 1.36 0.00	60.42 1.20 0.00
POMONA___ESR 323819	55.50 1.94 0.00	56.80 1.58 0.00	57.59 1.51 0.00	56.69 1.49 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.00 3.18 0.00	108.37 2.97 0.00	55.26 1.61 0.00	50.89 1.67 0.00	53.13 2.00 0.00	54.30 2.19 0.00	66.56 2.40 0.00	59.24 2.43 0.00	62.88 2.23 0.00	72.35 1.84 0.00	71.62 2.02 0.00	123.85 3.65 0.00	96.12 2.57 0.00	60.63 1.49 0.00	70.94 1.72 0.00	62.10 1.49 0.00	61.12 1.71 0.00	60.80 1.58 0.00
PORT_JEFF_3 23555	55.48 1.91 0.00	56.75 1.53 0.00	57.45 1.37 0.00	56.46 1.27 0.00	56.04 0.81 0.00	59.87 0.77 -2.45	102.37 0.75 11.21	90.77 0.64 15.26	34.32 0.57 19.91	37.32 0.92 12.82	51.82 1.75 1.07	54.14 2.03 0.00	67.97 1.79 -2.02	60.65 2.37 -1.47	72.47 1.74 -10.07	81.46 1.15 -9.81	84.30 1.72 -12.97	144.29 3.78 -20.31	111.19 2.53 -15.11	69.57 1.44 -8.99	82.25 1.57 -11.46	72.36 1.37 -10.39	69.50 2.01 -8.08	65.87 1.65 -5.00
PORT_JEFF_4 23616	55.48 1.91 0.00	56.75 1.53 0.00	57.45 1.37 0.00	56.46 1.27 0.00	56.04 0.81 0.00	59.87 0.77 -2.45	102.37 0.75 11.21	90.77 0.64 15.26	34.32 0.57 19.91	37.32 0.92 12.82	51.82 1.75 1.07	54.14 2.03 0.00	67.97 1.79 -2.02	60.65 2.37 -1.47	72.47 1.74 -10.07	81.46 1.15 -9.81	84.30 1.72 -12.97	144.29 3.78 -20.31	111.19 2.53 -15.11	69.57 1.44 -8.99	82.25 1.57 -11.46	72.36 1.37 -10.39	69.50 2.01 -8.08	65.87 1.65 -5.00

PORT_JEFF_IC 23713	55.56 1.99 0.00	56.82 1.60 0.00	57.51 1.43 0.00	56.54 1.34 0.00	56.13 0.91 0.00	59.54 0.88 -2.01	100.29 1.12 13.65	89.06 1.02 17.35	34.03 0.78 20.41	36.99 1.07 13.30	51.87 1.80 1.07	54.19 2.08 0.00	67.69 1.87 -1.66	60.48 2.46 -1.20	70.82 1.88 -8.28	79.89 1.33 -8.06	82.62 1.95 -11.06	141.07 4.18 -16.69	108.82 2.86 -12.42	68.16 1.64 -7.39	80.43 1.79 -9.41	71.06 1.53 -8.92	68.64 2.15 -7.08	64.83 1.77 -3.84
PPL PILGRIM_ST_GT1 24216	56.13 2.57 0.00	57.43 2.22 0.00	58.17 2.09 0.00	57.20 2.00 0.00	56.85 1.63 0.00	60.51 1.72 -2.14	103.64 2.85 12.04	92.26 2.64 15.77	35.90 1.70 19.45	38.42 1.80 12.61	52.54 2.43 1.03	54.77 2.67 0.00	68.75 2.82 -1.77	61.43 3.33 -1.28	72.29 2.83 -8.81	81.44 2.35 -8.58	84.22 2.92 -11.69	143.60 5.63 -17.76	110.82 4.06 -13.21	69.67 2.67 -7.86	82.19 2.95 -10.02	73.08 2.55 -9.92	71.88 3.02 -9.45	67.20 2.61 -5.38
PPL PILGRIM_ST_GT2 24217	56.13 2.57 0.00	57.43 2.22 0.00	58.17 2.09 0.00	57.20 2.00 0.00	56.85 1.63 0.00	60.51 1.72 -2.14	103.64 2.85 12.04	92.26 2.64 15.77	35.90 1.70 19.45	38.42 1.80 12.61	52.54 2.43 1.03	54.77 2.67 0.00	68.75 2.82 -1.77	61.43 3.33 -1.28	72.29 2.83 -8.81	81.44 2.35 -8.58	84.22 2.92 -11.69	143.60 5.63 -17.76	110.82 4.06 -13.21	69.67 2.67 -7.86	82.19 2.95 -10.02	73.08 2.55 -9.92	71.88 3.02 -9.45	67.20 2.61 -5.38
PPL_SHRM_GT3 24213	55.62 2.06 0.00	56.88 1.66 0.00	57.58 1.50 0.00	56.61 1.42 0.00	56.27 1.04 0.00	60.11 1.13 -2.33	102.59 1.60 11.84	91.05 1.44 15.79	34.51 0.86 20.01	37.32 1.03 12.93	51.79 1.72 1.07	54.19 2.08 0.00	67.90 1.82 -1.92	60.75 2.54 -1.39	72.41 2.17 -9.58	81.66 1.81 -9.33	84.52 2.45 -12.45	144.94 5.41 -19.32	111.65 3.73 -14.38	69.78 2.09 -8.55	82.47 2.35 -10.90	72.46 1.85 -10.02	69.78 2.47 -7.91	65.89 1.93 -4.74
PPL_SHRM_GT4 24214	55.62 2.06 0.00	56.88 1.66 0.00	57.58 1.50 0.00	56.61 1.42 0.00	56.27 1.04 0.00	60.11 1.13 -2.33	102.59 1.60 11.84	91.05 1.44 15.79	34.51 0.86 20.01	37.32 1.03 12.93	51.79 1.72 1.07	54.19 2.08 0.00	67.90 1.82 -1.92	60.75 2.54 -1.39	72.41 2.17 -9.58	81.66 1.81 -9.33	84.52 2.45 -12.45	144.94 5.41 -19.32	111.65 3.73 -14.38	69.78 2.09 -8.55	82.47 2.35 -10.90	72.46 1.85 -10.02	69.78 2.47 -7.91	65.89 1.93 -4.74
PROJECT___ORANGE 1 24174	52.49 -1.08 0.00	54.14 -1.08 0.00	54.99 -1.09 0.00	54.14 -1.06 0.00	54.19 -1.04 0.00	55.60 -1.05 0.00	110.76 -2.06 0.00	103.59 -1.80 0.00	52.68 -0.97 0.00	48.27 -0.95 0.00	50.12 -1.01 0.00	51.24 -0.87 0.00	63.03 -1.13 0.00	55.89 -0.93 0.00	59.59 -1.07 0.00	69.32 -1.19 0.00	68.47 -1.14 0.00	118.19 -2.01 0.00	91.92 -1.63 0.00	58.03 -1.10 0.00	67.89 -1.33 0.00	59.45 -1.16 0.00	58.22 -1.19 0.00	58.07 -1.15 0.00
PROJECT___ORANGE 2 24166	52.49 -1.08 0.00	54.14 -1.08 0.00	54.99 -1.09 0.00	54.14 -1.06 0.00	54.19 -1.04 0.00	55.60 -1.05 0.00	110.76 -2.06 0.00	103.59 -1.80 0.00	52.68 -0.97 0.00	48.27 -0.95 0.00	50.12 -1.01 0.00	51.24 -0.87 0.00	63.03 -1.13 0.00	55.89 -0.93 0.00	59.59 -1.07 0.00	69.32 -1.19 0.00	68.47 -1.14 0.00	118.19 -2.01 0.00	91.92 -1.63 0.00	58.03 -1.10 0.00	67.89 -1.33 0.00	59.45 -1.16 0.00	58.22 -1.19 0.00	58.07 -1.15 0.00
PUCKETT___SOLAR 323809	53.42 -0.14 0.00	55.02 -0.20 0.00	55.89 -0.19 0.00	55.30 0.11 0.00	55.44 0.22 0.00	56.85 0.20 0.00	113.59 0.76 0.00	106.34 0.95 0.00	53.91 0.25 0.00	49.20 -0.03 0.00	50.92 -0.22 0.00	52.22 0.12 0.00	64.39 0.22 0.00	56.90 0.09 0.00	60.74 0.08 0.00	70.46 -0.05 0.00	69.72 0.11 0.00	120.58 0.38 0.00	93.70 0.16 0.00	59.38 0.24 0.00	69.48 0.26 0.00	60.76 0.16 0.00	59.60 0.19 0.00	59.44 0.23 0.00
PYRITES___HYD 24023	55.93 2.37 0.00	57.73 2.51 0.00	58.63 2.55 0.00	57.73 2.53 0.00	57.85 2.62 0.00	59.61 2.96 0.00	119.50 6.67 0.00	112.23 6.83 0.00	57.05 3.40 0.00	52.17 2.95 0.00	53.78 2.64 0.00	54.52 2.41 0.00	67.61 3.45 0.00	59.01 2.20 0.00	63.23 2.58 0.00	73.75 3.24 0.00	72.75 3.14 0.00	125.27 5.06 0.00	97.38 3.84 0.00	61.59 2.46 0.00	72.48 3.26 0.00	63.97 3.37 0.00	62.90 3.48 0.00	62.78 3.57 0.00
QUAKERRD_115KV_BK1 80622	50.72 -2.84 0.01	52.24 -2.98 0.00	52.90 -3.18 0.00	52.10 -3.09 0.01	52.16 -3.06 0.00	53.80 -2.86 0.00	107.07 -5.75 0.00	100.23 -4.89 0.28	51.12 -2.54 0.00	46.92 -2.30 0.00	48.78 -2.36 0.00	49.94 -2.16 0.00	61.55 -2.61 0.00	54.37 -2.44 0.00	57.70 -2.96 0.00	67.34 -3.16 0.00	66.32 -3.09 0.19	113.81 -5.33 1.06	88.92 -4.40 0.23	55.59 -3.04 0.50	65.58 -3.65 0.00	57.72 -2.88 0.00	56.47 -2.94 0.00	56.36 -2.85 0.00
QUENSBRY_115KV_TB8 356137	55.23 1.67 0.00	57.18 1.96 0.00	57.83 1.76 0.00	56.86 1.67 0.00	56.93 1.70 0.00	58.61 1.96 0.00	116.71 3.89 0.00	108.65 3.26 0.00	55.49 1.83 0.00	50.26 1.04 0.00	51.90 0.77 0.00	53.10 0.99 0.00	65.66 1.50 0.00	58.48 1.67 0.00	62.93 2.28 0.00	73.38 2.87 0.00	72.32 2.72 0.00	125.12 4.91 0.00	98.12 4.58 0.00	61.88 2.75 0.00	72.05 2.82 0.00	62.56 1.95 0.00	61.48 2.07 0.00	61.04 1.83 0.00
RAMAPO___LBMP 323565	55.31 1.75 0.00	56.63 1.41 0.00	57.41 1.33 0.00	56.51 1.31 0.00	56.51 1.28 0.00	58.02 1.37 0.00	115.66 2.83 0.00	108.00 2.61 0.00	55.09 1.43 0.00	50.70 1.47 0.00	52.92 1.79 0.00	54.07 1.97 0.00	66.30 2.14 0.00	59.01 2.20 0.00	62.66 2.00 0.00	72.13 1.63 0.00	71.41 1.80 0.00	123.47 3.27 0.00	95.83 2.29 0.00	60.45 1.32 0.00	70.75 1.53 0.00	61.92 1.32 0.00	60.91 1.50 0.00	60.59 1.38 0.00
RANKINE____ 23646	50.10 -3.45 0.02	51.60 -3.62 0.00	52.15 -3.93 0.00	51.44 -3.73 0.03	51.46 -3.77 0.00	53.20 -3.44 0.00	105.56 -7.27 0.00	98.69 -5.75 0.96	50.75 -2.91 0.00	46.88 -2.35 0.00	48.65 -2.48 0.00	49.90 -2.21 0.00	61.47 -2.69 0.00	54.08 -2.73 0.00	57.02 -3.63 0.00	66.94 -3.57 0.00	65.20 -3.77 0.64	110.13 -6.60 3.47	87.30 -5.50 0.75	53.68 -3.82 1.64	64.78 -4.44 0.00	57.42 -3.18 0.00	56.34 -3.08 0.00	56.34 -2.88 0.00
RAVENSWOOD_GT2_1 24244	55.63 2.07 0.00	56.86 1.65 0.00	57.59 1.51 0.00	56.68 1.49 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.09 3.26 0.00	108.49 3.09 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.47 2.33 0.00	54.64 2.53 0.00	66.84 2.68 0.00	59.52 2.71 0.00	63.12 2.46 0.00	72.61 2.10 0.00	71.91 2.31 0.00	124.40 4.20 0.00	96.51 2.96 0.00	60.85 1.72 0.00	71.18 1.96 0.00	62.34 1.74 0.00	61.36 1.95 0.00	60.99 1.78 0.00
RAVENSWOOD_GT2_2 24245	55.63 2.07 0.00	56.86 1.65 0.00	57.59 1.51 0.00	56.68 1.49 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.09 3.26 0.00	108.49 3.09 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.47 2.33 0.00	54.64 2.53 0.00	66.84 2.68 0.00	59.52 2.71 0.00	63.12 2.46 0.00	72.61 2.10 0.00	71.91 2.31 0.00	124.40 4.20 0.00	96.51 2.96 0.00	60.85 1.72 0.00	71.18 1.96 0.00	62.34 1.74 0.00	61.36 1.95 0.00	60.99 1.78 0.00

RAVENSWOOD_GT2_3 24246	55.64 2.08 0.00	56.89 1.67 0.00	57.62 1.54 0.00	56.71 1.51 0.00	56.69 1.47 0.00	58.23 1.58 0.00	116.16 3.33 0.00	108.53 3.13 0.00	55.47 1.82 0.00	51.18 1.95 0.00	53.49 2.35 0.00	54.66 2.55 0.00	66.89 2.73 0.00	59.55 2.74 0.00	63.13 2.47 0.00	72.63 2.13 0.00	71.95 2.34 0.00	124.44 4.24 0.00	96.56 3.02 0.00	60.88 1.75 0.00	71.21 1.99 0.00	62.38 1.77 0.00	61.39 1.98 0.00	61.01 1.80 0.00
RAVENSWOOD_GT2_4 24247	55.64 2.08 0.00	56.89 1.67 0.00	57.62 1.54 0.00	56.71 1.51 0.00	56.69 1.47 0.00	58.23 1.58 0.00	116.16 3.33 0.00	108.53 3.13 0.00	55.47 1.82 0.00	51.18 1.95 0.00	53.49 2.35 0.00	54.66 2.55 0.00	66.89 2.73 0.00	59.55 2.74 0.00	63.13 2.47 0.00	72.63 2.13 0.00	71.95 2.34 0.00	124.44 4.24 0.00	96.56 3.02 0.00	60.88 1.75 0.00	71.21 1.99 0.00	62.38 1.77 0.00	61.39 1.98 0.00	61.01 1.80 0.00
RAVENSWOOD_GT3_1 24248	55.63 2.07 0.00	56.87 1.65 0.00	57.60 1.52 0.00	56.68 1.49 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.09 3.26 0.00	108.49 3.09 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.47 2.34 0.00	54.64 2.53 0.00	66.85 2.69 0.00	59.52 2.71 0.00	63.12 2.46 0.00	72.61 2.10 0.00	71.91 2.31 0.00	124.40 4.20 0.00	96.51 2.96 0.00	60.85 1.72 0.00	71.19 1.97 0.00	62.35 1.75 0.00	61.36 1.95 0.00	60.99 1.78 0.00
RAVENSWOOD_GT3_2 24249	55.63 2.07 0.00	56.87 1.65 0.00	57.60 1.52 0.00	56.68 1.49 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.09 3.26 0.00	108.49 3.09 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.47 2.34 0.00	54.64 2.53 0.00	66.85 2.69 0.00	59.52 2.71 0.00	63.12 2.46 0.00	72.61 2.10 0.00	71.91 2.31 0.00	124.40 4.20 0.00	96.51 2.96 0.00	60.85 1.72 0.00	71.19 1.97 0.00	62.35 1.75 0.00	61.36 1.95 0.00	60.99 1.78 0.00
RAVENSWOOD_GT3_3 24250	55.70 2.13 0.00	56.94 1.73 0.00	57.66 1.58 0.00	56.76 1.57 0.00	56.74 1.51 0.00	58.28 1.64 0.00	116.27 3.44 0.00	108.64 3.25 0.00	55.53 1.87 0.00	51.24 2.01 0.00	53.56 2.42 0.00	54.73 2.62 0.00	66.96 2.80 0.00	59.62 2.80 0.00	63.22 2.56 0.00	72.72 2.22 0.00	72.04 2.43 0.00	124.59 4.38 0.00	96.68 3.14 0.00	60.95 1.81 0.00	71.28 2.06 0.00	62.44 1.84 0.00	61.45 2.04 0.00	61.07 1.86 0.00
RAVENSWOOD_GT3_4 24251	55.70 2.13 0.00	56.94 1.73 0.00	57.66 1.58 0.00	56.76 1.57 0.00	56.74 1.51 0.00	58.28 1.64 0.00	116.27 3.44 0.00	108.64 3.25 0.00	55.53 1.87 0.00	51.24 2.01 0.00	53.56 2.42 0.00	54.73 2.62 0.00	66.96 2.80 0.00	59.62 2.80 0.00	63.22 2.56 0.00	72.72 2.22 0.00	72.04 2.43 0.00	124.59 4.38 0.00	96.68 3.14 0.00	60.95 1.81 0.00	71.28 2.06 0.00	62.44 1.84 0.00	61.45 2.04 0.00	61.07 1.86 0.00
RAVENSWOOD_GT_1 23729	55.64 2.07 0.00	56.86 1.64 0.00	57.59 1.51 0.00	56.68 1.49 0.00	56.65 1.42 0.00	58.16 1.51 0.00	115.99 3.17 0.00	108.50 3.10 0.00	55.50 1.85 0.00	51.28 2.05 0.00	53.62 2.49 0.00	54.76 2.66 0.00	66.88 2.72 0.00	59.56 2.75 0.00	63.13 2.48 0.00	72.59 2.08 0.00	71.91 2.30 0.00	124.38 4.17 0.00	96.44 2.89 0.00	60.81 1.67 0.00	71.15 1.93 0.00	62.39 1.79 0.00	61.35 1.94 0.00	61.00 1.79 0.00
RAVENSWOOD_GT_10 24258	55.64 2.07 0.00	56.87 1.65 0.00	57.60 1.52 0.00	56.69 1.50 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.10 3.27 0.00	108.50 3.11 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.46 2.33 0.00	54.64 2.53 0.00	66.85 2.69 0.00	59.52 2.71 0.00	63.12 2.46 0.00	72.61 2.10 0.00	71.92 2.31 0.00	124.41 4.21 0.00	96.51 2.96 0.00	60.86 1.73 0.00	71.19 1.97 0.00	62.35 1.75 0.00	61.37 1.96 0.00	60.99 1.78 0.00
RAVENSWOOD_GT_11 24259	55.64 2.07 0.00	56.87 1.65 0.00	57.60 1.52 0.00	56.69 1.50 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.10 3.27 0.00	108.50 3.11 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.46 2.33 0.00	54.64 2.53 0.00	66.85 2.69 0.00	59.52 2.71 0.00	63.12 2.46 0.00	72.61 2.10 0.00	71.92 2.31 0.00	124.41 4.21 0.00	96.51 2.96 0.00	60.86 1.73 0.00	71.19 1.97 0.00	62.35 1.75 0.00	61.37 1.96 0.00	60.99 1.78 0.00
RAVENSWOOD_GT_4 24252	55.62 2.05 0.00	56.86 1.64 0.00	57.58 1.50 0.00	56.67 1.48 0.00	56.66 1.43 0.00	58.18 1.53 0.00	116.06 3.24 0.00	108.47 3.07 0.00	55.45 1.80 0.00	51.18 1.95 0.00	53.49 2.35 0.00	54.66 2.55 0.00	66.84 2.68 0.00	59.52 2.71 0.00	63.11 2.45 0.00	72.59 2.08 0.00	71.90 2.30 0.00	124.38 4.17 0.00	96.48 2.94 0.00	60.83 1.70 0.00	71.16 1.93 0.00	62.34 1.73 0.00	61.34 1.93 0.00	60.97 1.76 0.00
RAVENSWOOD_GT_5 24254	55.62 2.05 0.00	56.86 1.64 0.00	57.58 1.50 0.00	56.67 1.48 0.00	56.66 1.43 0.00	58.18 1.53 0.00	116.06 3.24 0.00	108.47 3.07 0.00	55.45 1.80 0.00	51.18 1.95 0.00	53.49 2.35 0.00	54.66 2.55 0.00	66.84 2.68 0.00	59.52 2.71 0.00	63.11 2.45 0.00	72.59 2.08 0.00	71.90 2.30 0.00	124.38 4.17 0.00	96.48 2.94 0.00	60.83 1.70 0.00	71.16 1.93 0.00	62.34 1.73 0.00	61.34 1.93 0.00	60.97 1.76 0.00
RAVENSWOOD_GT_6 24253	55.62 2.05 0.00	56.86 1.64 0.00	57.58 1.50 0.00	56.67 1.48 0.00	56.66 1.43 0.00	58.18 1.53 0.00	116.06 3.24 0.00	108.47 3.07 0.00	55.45 1.80 0.00	51.18 1.95 0.00	53.49 2.35 0.00	54.66 2.55 0.00	66.84 2.68 0.00	59.52 2.71 0.00	63.11 2.45 0.00	72.59 2.08 0.00	71.90 2.30 0.00	124.38 4.17 0.00	96.48 2.94 0.00	60.83 1.70 0.00	71.16 1.93 0.00	62.34 1.73 0.00	61.34 1.93 0.00	60.97 1.76 0.00
RAVENSWOOD_GT_7 24255	55.62 2.05 0.00	56.86 1.64 0.00	57.58 1.50 0.00	56.67 1.48 0.00	56.66 1.43 0.00	58.18 1.53 0.00	116.06 3.24 0.00	108.47 3.07 0.00	55.45 1.80 0.00	51.18 1.95 0.00	53.49 2.35 0.00	54.66 2.55 0.00	66.84 2.68 0.00	59.52 2.71 0.00	63.11 2.45 0.00	72.59 2.08 0.00	71.90 2.30 0.00	124.38 4.17 0.00	96.48 2.94 0.00	60.83 1.70 0.00	71.16 1.93 0.00	62.34 1.73 0.00	61.34 1.93 0.00	60.97 1.76 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	55.64 2.07 0.00	56.87 1.65 0.00	57.60 1.52 0.00	56.69 1.50 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.10 3.27 0.00	108.50 3.11 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.46 2.33 0.00	54.64 2.53 0.00	66.85 2.69 0.00	59.52 2.71 0.00	63.12 2.46 0.00	72.61 2.10 0.00	71.92 2.31 0.00	124.41 4.21 0.00	96.51 2.96 0.00	60.86 1.73 0.00	71.19 1.97 0.00	62.35 1.75 0.00	61.37 1.96 0.00	60.99 1.78 0.00
RAVENSWOOD_GT_9 24257	55.64 2.07 0.00	56.87 1.65 0.00	57.60 1.52 0.00	56.69 1.50 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.10 3.27 0.00	108.50 3.11 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.46 2.33 0.00	54.64 2.53 0.00	66.85 2.69 0.00	59.52 2.71 0.00	63.12 2.46 0.00	72.61 2.10 0.00	71.92 2.31 0.00	124.41 4.21 0.00	96.51 2.96 0.00	60.86 1.73 0.00	71.19 1.97 0.00	62.35 1.75 0.00	61.37 1.96 0.00	60.99 1.78 0.00

RAVENSWOOD___1 23533	55.63 2.06 0.00	56.85 1.63 0.00	57.58 1.50 0.00	56.67 1.48 0.00	56.62 1.39 0.00	58.15 1.51 0.00	115.95 3.13 0.00	108.45 3.06 0.00	55.50 1.84 0.00	51.24 2.02 0.00	53.59 2.45 0.00	54.73 2.63 0.00	66.85 2.69 0.00	59.54 2.72 0.00	63.10 2.45 0.00	72.55 2.05 0.00	71.88 2.27 0.00	124.32 4.12 0.00	96.42 2.87 0.00	60.80 1.67 0.00	71.13 1.90 0.00	62.36 1.75 0.00	61.31 1.90 0.00	60.96 1.74 0.00
RAVENSWOOD___2 23534	55.58 2.02 0.00	56.81 1.59 0.00	57.55 1.47 0.00	56.65 1.46 0.00	56.61 1.39 0.00	58.13 1.48 0.00	115.95 3.13 0.00	108.45 3.05 0.00	55.47 1.81 0.00	51.22 2.00 0.00	53.55 2.41 0.00	54.69 2.59 0.00	66.81 2.65 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.54 2.04 0.00	71.86 2.25 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.79 1.66 0.00	71.12 1.90 0.00	62.34 1.73 0.00	61.30 1.88 0.00	60.94 1.72 0.00
RAVENSWOOD___3 23535	55.64 2.07 0.00	56.88 1.66 0.00	57.61 1.53 0.00	56.70 1.51 0.00	56.67 1.44 0.00	58.20 1.55 0.00	116.08 3.25 0.00	108.49 3.09 0.00	55.45 1.80 0.00	51.16 1.93 0.00	53.47 2.34 0.00	54.64 2.53 0.00	66.85 2.69 0.00	59.53 2.72 0.00	63.12 2.47 0.00	72.61 2.10 0.00	71.92 2.31 0.00	124.41 4.20 0.00	96.51 2.96 0.00	60.86 1.73 0.00	71.19 1.97 0.00	62.36 1.75 0.00	61.37 1.96 0.00	61.00 1.78 0.00
RAVENSWOOD___4 23820	55.58 2.02 0.00	56.81 1.59 0.00	57.55 1.47 0.00	56.65 1.46 0.00	56.61 1.39 0.00	58.13 1.48 0.00	115.95 3.13 0.00	108.45 3.05 0.00	55.47 1.81 0.00	51.22 2.00 0.00	53.55 2.41 0.00	54.69 2.59 0.00	66.81 2.65 0.00	59.51 2.70 0.00	63.08 2.42 0.00	72.54 2.04 0.00	71.86 2.25 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.79 1.66 0.00	71.12 1.90 0.00	62.34 1.73 0.00	61.30 1.88 0.00	60.94 1.72 0.00
RCPL_TRUST___DRP 24196	55.65 2.08 0.00	56.89 1.67 0.00	57.63 1.55 0.00	56.71 1.52 0.00	56.71 1.48 0.00	58.23 1.58 0.00	116.16 3.33 0.00	108.44 3.05 0.00	55.42 1.77 0.00	51.14 1.92 0.00	53.46 2.32 0.00	54.63 2.53 0.00	66.85 2.69 0.00	59.51 2.69 0.00	63.11 2.46 0.00	72.61 2.11 0.00	71.91 2.31 0.00	124.40 4.20 0.00	96.51 2.96 0.00	60.84 1.71 0.00	71.16 1.94 0.00	62.32 1.72 0.00	61.32 1.91 0.00	60.94 1.73 0.00
RED___ROCHESTER 323720	51.99 -1.57 0.01	53.53 -1.69 0.00	54.18 -1.91 0.00	53.31 -1.86 0.02	53.40 -1.83 0.00	55.14 -1.51 0.00	109.80 -3.02 0.00	102.69 -2.23 0.47	52.46 -1.20 0.00	48.23 -0.99 0.00	50.15 -0.99 0.00	51.41 -0.70 0.00	63.36 -0.80 0.00	55.90 -0.91 0.00	59.21 -1.44 0.00	69.07 -1.43 0.00	67.91 -1.40 0.30	116.43 -2.09 1.68	91.17 -2.01 0.36	56.78 -1.56 0.80	67.34 -1.88 0.00	59.36 -1.24 0.00	58.04 -1.37 0.00	57.93 -1.29 0.00
REGAN___SOLAR 323812	55.16 1.60 0.00	56.79 1.57 0.00	57.69 1.61 0.00	56.71 1.51 0.00	56.84 1.61 0.00	58.45 1.81 0.00	116.65 3.82 0.00	109.00 3.61 0.00	54.51 0.85 0.00	49.39 0.17 0.00	51.79 0.65 0.00	52.99 0.88 0.00	64.85 0.69 0.00	57.75 0.94 0.00	61.38 0.72 0.00	72.30 1.80 0.00	71.94 2.34 0.00	124.87 4.67 0.00	97.12 3.58 0.00	61.32 2.18 0.00	71.68 2.46 0.00	62.79 2.19 0.00	61.47 2.06 0.00	61.16 1.94 0.00
RENSSELAER___COGEN 23796	53.89 0.32 0.00	55.55 0.34 0.00	56.37 0.29 0.00	55.47 0.28 0.00	55.50 0.27 0.00	56.77 0.12 0.00	112.65 -0.18 0.00	104.74 -0.65 0.00	53.15 -0.51 0.00	48.64 -0.59 0.00	50.48 -0.66 0.00	51.52 -0.59 0.00	63.34 -0.82 0.00	56.38 -0.43 0.00	60.31 -0.35 0.00	70.02 -0.48 0.00	69.09 -0.51 0.00	119.44 -0.77 0.00	93.26 -0.29 0.00	59.11 -0.02 0.00	69.10 -0.12 0.00	60.16 -0.44 0.00	58.94 -0.47 0.00	58.59 -0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	57.51 3.95 0.00	60.07 4.85 0.00	60.24 4.15 0.00	59.34 4.15 0.00	59.40 4.17 0.00	61.51 4.86 0.00	123.30 10.47 0.00	114.95 9.56 0.00	58.96 5.30 0.00	52.86 3.63 0.00	53.95 2.81 0.00	55.48 3.37 0.00	68.71 4.55 0.00	61.94 5.13 0.00	67.16 6.50 0.00	78.54 8.04 0.00	76.95 7.34 0.00	132.83 12.63 0.00	105.14 11.59 0.00	65.78 6.65 0.00	75.77 6.55 0.00	65.38 4.77 0.00	64.59 5.18 0.00	64.07 4.85 0.00
REVERE_CPPR_DRP 24186	54.82 1.26 0.00	56.64 1.42 0.00	57.67 1.59 0.00	56.83 1.64 0.00	56.99 1.76 0.00	58.68 2.03 0.00	117.37 4.55 0.00	109.82 4.43 0.00	55.83 2.18 0.00	51.09 1.86 0.00	52.81 1.67 0.00	53.61 1.50 0.00	65.58 1.42 0.00	58.08 1.27 0.00	62.29 1.63 0.00	72.97 2.46 0.00	72.29 2.68 0.00	124.91 4.70 0.00	97.03 3.49 0.00	61.25 2.12 0.00	71.76 2.53 0.00	62.61 2.00 0.00	61.32 1.91 0.00	60.96 1.75 0.00
REYNLDPA_13_KV_LD 356490	54.82 1.25 0.00	56.58 1.36 0.00	57.44 1.36 0.00	56.51 1.32 0.00	56.57 1.34 0.00	58.15 1.50 0.00	116.22 3.39 0.00	108.80 3.40 0.00	55.37 1.71 0.00	50.83 1.60 0.00	52.76 1.63 0.00	53.58 1.47 0.00	66.20 2.03 0.00	58.29 1.48 0.00	62.30 1.64 0.00	72.63 2.13 0.00	71.67 2.06 0.00	123.29 3.09 0.00	95.77 2.23 0.00	60.64 1.51 0.00	71.09 1.87 0.00	62.41 1.81 0.00	61.19 1.78 0.00	61.16 1.95 0.00
REYNOLDS_115KV_TB3 80639	54.07 0.50 0.00	55.76 0.54 0.00	56.56 0.49 0.00	55.64 0.45 0.00	55.65 0.42 0.00	56.93 0.28 0.00	112.85 0.02 0.00	104.89 -0.51 0.00	53.40 -0.26 0.00	48.81 -0.42 0.00	50.65 -0.48 0.00	51.69 -0.42 0.00	63.56 -0.60 0.00	56.58 -0.24 0.00	60.60 -0.05 0.00	70.35 -0.15 0.00	69.42 -0.19 0.00	120.04 -0.16 0.00	93.82 0.28 0.00	59.52 0.38 0.00	69.54 0.31 0.00	60.50 -0.10 0.00	59.25 -0.16 0.00	58.88 -0.33 0.00
RIVERBAY____ 323610	56.43 2.87 0.00	57.73 2.51 0.00	58.52 2.44 0.00	57.57 2.38 0.00	57.59 2.36 0.00	59.26 2.61 0.00	118.34 5.51 0.00	110.58 5.19 0.00	56.49 2.83 0.00	52.05 2.82 0.00	54.29 3.15 0.00	55.57 3.46 0.00	68.01 3.85 0.00	60.51 3.70 0.00	64.22 3.56 0.00	73.90 3.39 0.00	73.23 3.62 0.00	126.55 6.34 0.00	98.15 4.61 0.00	61.87 2.73 0.00	72.41 3.18 0.00	63.50 2.90 0.00	62.44 3.03 0.00	62.06 2.85 0.00
RIVERSDE_115KV_TB3 55908	54.01 0.45 0.00	55.70 0.48 0.00	56.51 0.43 0.00	55.59 0.40 0.00	55.62 0.39 0.00	56.91 0.27 0.00	112.87 0.04 0.00	104.94 -0.45 0.00	53.31 -0.34 0.00	48.77 -0.46 0.00	50.61 -0.52 0.00	51.65 -0.45 0.00	63.53 -0.63 0.00	56.54 -0.28 0.00	60.51 -0.15 0.00	70.25 -0.25 0.00	69.34 -0.27 0.00	119.87 -0.33 0.00	93.63 0.08 0.00	59.37 0.24 0.00	69.38 0.16 0.00	60.38 -0.22 0.00	59.13 -0.28 0.00	58.77 -0.45 0.00
ROARING___BROOK_WT_PWR 323790	53.28 -0.28 0.00	55.09 -0.12 0.00	56.05 -0.03 0.00	55.27 0.08 0.00	55.35 0.12 0.00	56.77 0.12 0.00	113.22 0.39 0.00	105.93 0.53 0.00	53.93 0.27 0.00	49.38 0.15 0.00	51.22 0.08 0.00	52.10 -0.01 0.00	63.79 -0.37 0.00	56.19 -0.62 0.00	60.28 -0.37 0.00	70.55 0.05 0.00	69.94 0.33 0.00	120.76 0.56 0.00	93.87 0.32 0.00	59.18 0.05 0.00	69.34 0.12 0.00	60.81 0.21 0.00	59.63 0.21 0.00	59.52 0.31 0.00

ROCHESRG_115KV_T4 355643	51.42 -2.13 0.01	52.97 -2.25 0.00	53.62 -2.46 0.00	52.79 -2.39 0.02	52.85 -2.38 0.00	54.53 -2.12 0.00	108.44 -4.38 0.00	101.43 -3.51 0.46	51.84 -1.82 0.00	47.65 -1.58 0.00	49.52 -1.62 0.00	50.73 -1.37 0.00	62.51 -1.65 0.00	55.17 -1.64 0.00	58.46 -2.20 0.00	68.27 -2.23 0.00	67.08 -2.23 0.30	114.81 -3.75 1.65	89.98 -3.21 0.36	56.03 -2.33 0.78	66.42 -2.80 0.00	58.59 -2.02 0.00	57.31 -2.10 0.00	57.24 -1.97 0.00
ROCHESTER_9_IC 23652	51.79 -1.76 0.01	53.33 -1.89 0.00	53.97 -2.11 0.00	53.13 -2.05 0.02	53.22 -2.01 0.00	54.94 -1.72 0.00	109.31 -3.52 0.00	102.26 -2.66 0.47	52.25 -1.41 0.00	48.02 -1.21 0.00	49.91 -1.22 0.00	51.16 -0.95 0.00	63.04 -1.12 0.00	55.64 -1.17 0.00	58.94 -1.71 0.00	68.72 -1.79 0.00	67.55 -1.75 0.30	115.85 -2.67 1.69	90.75 -2.43 0.36	56.50 -1.84 0.80	67.00 -2.22 0.00	59.07 -1.53 0.00	57.78 -1.63 0.00	57.68 -1.54 0.00
ROCKVIEW_13_KV_LD 356306	55.78 2.21 0.00	57.06 1.85 0.00	57.82 1.74 0.00	56.92 1.72 0.00	56.89 1.66 0.00	58.39 1.74 0.00	116.38 3.56 0.00	108.79 3.40 0.00	55.56 1.90 0.00	51.20 1.98 0.00	53.52 2.38 0.00	54.72 2.61 0.00	67.03 2.87 0.00	59.62 2.81 0.00	63.30 2.64 0.00	72.85 2.35 0.00	72.09 2.48 0.00	124.77 4.56 0.00	96.84 3.29 0.00	61.07 1.94 0.00	71.44 2.22 0.00	62.55 1.94 0.00	61.56 2.15 0.00	61.14 1.93 0.00
ROME____115KV_TB2 80656	54.82 1.26 0.00	56.64 1.42 0.00	57.67 1.59 0.00	56.83 1.64 0.00	56.99 1.76 0.00	58.68 2.03 0.00	117.37 4.55 0.00	109.82 4.43 0.00	55.83 2.18 0.00	51.09 1.86 0.00	52.81 1.67 0.00	53.61 1.50 0.00	65.58 1.42 0.00	58.08 1.27 0.00	62.29 1.63 0.00	72.97 2.46 0.00	72.29 2.68 0.00	124.91 4.70 0.00	97.03 3.49 0.00	61.25 2.12 0.00	71.76 2.53 0.00	62.61 2.00 0.00	61.32 1.91 0.00	60.96 1.75 0.00
ROSETON___1 23587	55.12 1.55 0.00	56.50 1.28 0.00	57.32 1.24 0.00	56.40 1.21 0.00	56.40 1.17 0.00	57.84 1.19 0.00	115.18 2.36 0.00	107.55 2.16 0.00	54.87 1.21 0.00	50.49 1.27 0.00	52.68 1.55 0.00	53.82 1.71 0.00	65.99 1.83 0.00	58.73 1.92 0.00	62.41 1.75 0.00	71.96 1.46 0.00	71.18 1.57 0.00	123.11 2.90 0.00	95.66 2.12 0.00	60.38 1.25 0.00	70.65 1.43 0.00	61.83 1.23 0.00	60.77 1.35 0.00	60.43 1.22 0.00
ROSETON___2 23588	55.12 1.55 0.00	56.50 1.28 0.00	57.32 1.24 0.00	56.40 1.21 0.00	56.40 1.17 0.00	57.84 1.19 0.00	115.18 2.36 0.00	107.55 2.16 0.00	54.87 1.21 0.00	50.49 1.27 0.00	52.68 1.55 0.00	53.82 1.71 0.00	65.99 1.83 0.00	58.73 1.92 0.00	62.41 1.75 0.00	71.96 1.46 0.00	71.18 1.57 0.00	123.11 2.90 0.00	95.66 2.12 0.00	60.38 1.25 0.00	70.65 1.43 0.00	61.83 1.23 0.00	60.77 1.35 0.00	60.43 1.22 0.00
ROTRDAM_115KV_TB3 80664	54.46 0.90 0.00	56.16 0.94 0.00	57.04 0.96 0.00	56.09 0.89 0.00	56.11 0.88 0.00	57.51 0.86 0.00	114.30 1.47 0.00	106.55 1.15 0.00	54.25 0.58 0.00	49.59 0.36 0.00	51.52 0.38 0.00	52.61 0.50 0.00	64.75 0.59 0.00	57.49 0.68 0.00	61.46 0.80 0.00	71.41 0.91 0.00	70.55 0.94 0.00	121.97 1.76 0.00	95.11 1.56 0.00	60.20 1.07 0.00	70.40 1.17 0.00	61.43 0.82 0.00	60.21 0.80 0.00	59.91 0.69 0.00
RUSSELL___1 23602	52.00 -1.56 0.01	53.53 -1.69 0.00	54.18 -1.90 0.00	53.34 -1.84 0.02	53.42 -1.81 0.00	55.15 -1.50 0.00	109.80 -3.03 0.00	102.69 -2.24 0.47	52.47 -1.19 0.00	48.22 -1.00 0.00	50.14 -0.99 0.00	51.41 -0.70 0.00	63.34 -0.82 0.00	55.92 -0.90 0.00	59.22 -1.43 0.00	69.09 -1.42 0.00	67.92 -1.39 0.30	116.41 -2.11 1.68	91.20 -1.98 0.36	56.79 -1.55 0.80	67.35 -1.88 0.00	59.36 -1.24 0.00	58.05 -1.36 0.00	57.93 -1.29 0.00
RUSSELL___2 23532	52.00 -1.56 0.01	53.53 -1.69 0.00	54.18 -1.90 0.00	53.34 -1.84 0.02	53.42 -1.81 0.00	55.15 -1.50 0.00	109.80 -3.03 0.00	102.69 -2.24 0.47	52.47 -1.19 0.00	48.22 -1.00 0.00	50.14 -0.99 0.00	51.41 -0.70 0.00	63.34 -0.82 0.00	55.92 -0.90 0.00	59.22 -1.43 0.00	69.09 -1.42 0.00	67.92 -1.39 0.30	116.41 -2.11 1.68	91.20 -1.98 0.36	56.79 -1.55 0.80	67.35 -1.88 0.00	59.36 -1.24 0.00	58.05 -1.36 0.00	57.93 -1.29 0.00
RUSSELL___3 23549	52.00 -1.56 0.01	53.53 -1.69 0.00	54.18 -1.90 0.00	53.34 -1.84 0.02	53.42 -1.81 0.00	55.15 -1.50 0.00	109.80 -3.03 0.00	102.69 -2.24 0.47	52.47 -1.19 0.00	48.22 -1.00 0.00	50.14 -0.99 0.00	51.41 -0.70 0.00	63.34 -0.82 0.00	55.92 -0.90 0.00	59.22 -1.43 0.00	69.09 -1.42 0.00	67.92 -1.39 0.30	116.41 -2.11 1.68	91.20 -1.98 0.36	56.79 -1.55 0.80	67.35 -1.88 0.00	59.36 -1.24 0.00	58.05 -1.36 0.00	57.93 -1.29 0.00
RUSSELL___4 23556	52.00 -1.56 0.01	53.53 -1.69 0.00	54.18 -1.90 0.00	53.34 -1.84 0.02	53.42 -1.81 0.00	55.15 -1.50 0.00	109.80 -3.03 0.00	102.69 -2.24 0.47	52.47 -1.19 0.00	48.22 -1.00 0.00	50.14 -0.99 0.00	51.41 -0.70 0.00	63.34 -0.82 0.00	55.92 -0.90 0.00	59.22 -1.43 0.00	69.09 -1.42 0.00	67.92 -1.39 0.30	116.41 -2.11 1.68	91.20 -1.98 0.36	56.79 -1.55 0.80	67.35 -1.88 0.00	59.36 -1.24 0.00	58.05 -1.36 0.00	57.93 -1.29 0.00
RUSSELL___STATION 23914	52.00 -1.56 0.01	53.53 -1.69 0.00	54.18 -1.90 0.00	53.34 -1.84 0.02	53.42 -1.81 0.00	55.15 -1.50 0.00	109.80 -3.03 0.00	102.69 -2.24 0.47	52.47 -1.19 0.00	48.22 -1.00 0.00	50.14 -0.99 0.00	51.41 -0.70 0.00	63.34 -0.82 0.00	55.92 -0.90 0.00	59.22 -1.43 0.00	69.09 -1.42 0.00	67.92 -1.39 0.30	116.41 -2.11 1.68	91.20 -1.98 0.36	56.79 -1.55 0.80	67.35 -1.88 0.00	59.36 -1.24 0.00	58.05 -1.36 0.00	57.93 -1.29 0.00
S SALMON___HYD 24043	52.10 -1.46 0.00	53.82 -1.40 0.00	54.78 -1.30 0.00	54.04 -1.15 0.00	54.17 -1.06 0.00	55.69 -0.96 0.00	111.20 -1.63 0.00	104.25 -1.15 0.00	53.00 -0.66 0.00	48.39 -0.84 0.00	49.93 -1.20 0.00	50.65 -1.46 0.00	62.19 -1.97 0.00	54.86 -1.96 0.00	59.11 -1.54 0.00	69.41 -1.10 0.00	68.78 -0.83 0.00	118.95 -1.25 0.00	92.22 -1.32 0.00	58.24 -0.89 0.00	68.27 -0.95 0.00	59.62 -0.99 0.00	58.51 -0.91 0.00	58.27 -0.95 0.00
S.PERRY__115KV_TB1 80734	52.13 -1.41 0.03	53.59 -1.63 0.00	54.23 -1.85 0.00	53.43 -1.70 0.06	53.65 -1.58 0.00	55.43 -1.22 0.00	110.58 -2.24 0.00	102.88 -0.87 1.64	52.89 -0.77 0.00	48.36 -0.87 0.00	49.87 -1.26 0.00	51.10 -1.01 0.00	63.24 -0.92 0.00	56.13 -0.68 0.00	59.74 -0.92 0.00	70.20 -0.31 0.00	68.46 -0.18 0.97	114.74 -0.18 5.29	91.99 -0.41 1.14	56.19 -0.44 2.50	68.78 -0.44 0.00	60.66 0.05 0.00	59.33 -0.08 0.00	59.12 -0.09 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.84 -3.71 0.02	51.37 -3.85 0.00	51.90 -4.18 0.00	51.15 -4.01 0.03	51.18 -4.05 0.00	52.89 -3.75 0.00	104.83 -8.00 0.00	98.02 -6.51 0.86	50.37 -3.29 0.00	46.51 -2.71 0.00	48.33 -2.81 0.00	49.54 -2.57 0.00	61.03 -3.13 0.00	53.67 -3.14 0.00	56.58 -4.08 0.00	66.37 -4.13 0.00	64.72 -4.32 0.57	109.59 -7.53 3.09	86.63 -6.25 0.67	53.34 -4.33 1.46	64.13 -5.10 0.00	56.94 -3.66 0.00	55.85 -3.56 0.00	55.92 -3.30 0.00

SAWYER___23_KV_LOAD 55526	49.84 -3.71 0.02	51.37 -3.85 0.00	51.90 -4.18 0.00	51.15 -4.01 0.03	51.18 -4.05 0.00	52.89 -3.75 0.00	104.83 -8.00 0.00	98.02 -6.51 0.86	50.37 -3.29 0.00	46.51 -2.71 0.00	48.33 -2.81 0.00	49.54 -2.57 0.00	61.03 -3.13 0.00	53.67 -3.14 0.00	56.58 -4.08 0.00	66.37 -4.13 0.00	64.72 -4.32 0.57	109.59 -7.53 3.09	86.63 -6.25 0.67	53.34 -4.33 1.46	64.13 -5.10 0.00	56.94 -3.66 0.00	55.85 -3.56 0.00	55.92 -3.30 0.00
SELKIRK___I 23801	54.34 0.77 0.00	56.05 0.84 0.00	56.94 0.86 0.00	56.03 0.84 0.00	56.06 0.83 0.00	57.35 0.70 0.00	113.79 0.96 0.00	105.81 0.41 0.00	53.68 0.02 0.00	49.13 -0.10 0.00	51.04 -0.09 0.00	52.05 -0.05 0.00	64.05 -0.11 0.00	57.00 0.19 0.00	60.90 0.24 0.00	70.79 0.29 0.00	69.92 0.32 0.00	120.80 0.59 0.00	94.27 0.72 0.00	59.72 0.59 0.00	69.86 0.64 0.00	60.93 0.33 0.00	59.71 0.30 0.00	59.39 0.17 0.00
SELKIRK___II 23799	54.06 0.49 0.00	55.73 0.51 0.00	56.59 0.51 0.00	55.68 0.49 0.00	55.72 0.49 0.00	57.00 0.34 0.00	113.12 0.29 0.00	105.29 -0.11 0.00	53.51 -0.14 0.00	48.99 -0.23 0.00	50.91 -0.23 0.00	51.94 -0.16 0.00	63.87 -0.29 0.00	56.82 0.00 0.00	60.69 0.03 0.00	70.43 -0.07 0.00	69.53 -0.09 0.00	120.13 -0.07 0.00	93.73 0.18 0.00	59.38 0.25 0.00	69.46 0.23 0.00	60.56 -0.04 0.00	59.35 -0.06 0.00	59.02 -0.19 0.00
SENECA OSWGO___HYD 24041	51.81 -1.75 0.00	53.39 -1.83 0.00	54.22 -1.86 0.00	53.38 -1.82 0.00	53.41 -1.82 0.00	54.84 -1.81 0.00	109.29 -3.54 0.00	102.20 -3.19 0.00	52.00 -1.66 0.00	47.61 -1.62 0.00	49.39 -1.74 0.00	50.38 -1.73 0.00	62.03 -2.13 0.00	55.00 -1.81 0.00	58.70 -1.95 0.00	68.32 -2.19 0.00	67.52 -2.09 0.00	116.62 -3.58 0.00	90.70 -2.85 0.00	57.29 -1.84 0.00	67.03 -2.19 0.00	58.64 -1.96 0.00	57.44 -1.98 0.00	57.24 -1.97 0.00
SENECA___115KV_TB3 355854	50.17 -3.38 0.02	51.69 -3.53 0.00	52.23 -3.84 0.00	51.51 -3.66 0.03	51.52 -3.70 0.00	53.29 -3.36 0.00	105.78 -7.04 0.00	98.90 -5.53 0.96	50.83 -2.82 0.00	46.97 -2.25 0.00	48.73 -2.40 0.00	49.99 -2.12 0.00	61.61 -2.55 0.00	54.17 -2.64 0.00	57.11 -3.54 0.00	67.04 -3.46 0.00	65.31 -3.66 0.64	110.31 -6.42 3.47	87.44 -5.36 0.75	53.75 -3.74 1.64	64.86 -4.36 0.00	57.51 -3.09 0.00	56.42 -2.99 0.00	56.43 -2.78 0.00
SENECA___ENERGY 23797	52.56 -1.01 0.00	54.13 -1.09 0.00	54.86 -1.22 0.00	54.06 -1.14 -0.01	54.12 -1.11 0.00	55.71 -0.93 0.00	111.11 -1.72 0.00	104.51 -1.20 -0.32	52.88 -0.78 0.00	48.26 -0.96 0.00	50.15 -0.98 0.00	51.43 -0.67 0.00	63.26 -0.90 0.00	56.03 -0.78 0.00	59.70 -0.96 0.00	69.57 -0.94 0.00	68.92 -0.83 -0.14	119.47 -1.48 -0.75	92.44 -1.27 -0.16	58.52 -0.97 -0.36	67.98 -1.24 0.00	59.70 -0.90 0.00	58.43 -0.98 0.00	58.23 -0.98 0.00
SHOEMAKER___GT 23640	55.17 1.60 0.00	56.58 1.36 0.00	57.42 1.35 0.00	56.54 1.35 0.00	56.55 1.32 0.00	58.00 1.35 0.00	115.56 2.73 0.00	107.91 2.52 0.00	54.94 1.28 0.00	50.50 1.28 0.00	52.70 1.57 0.00	53.74 1.63 0.00	66.06 1.90 0.00	58.79 1.98 0.00	62.48 1.82 0.00	72.16 1.65 0.00	71.39 1.78 0.00	123.43 3.23 0.00	95.92 2.37 0.00	60.56 1.43 0.00	70.86 1.64 0.00	62.01 1.41 0.00	60.90 1.49 0.00	60.57 1.35 0.00
SHOEMAKR_138KV_BK 111 55601	55.14 1.57 0.00	56.56 1.34 0.00	57.39 1.31 0.00	56.49 1.29 0.00	56.49 1.27 0.00	57.97 1.32 0.00	115.49 2.67 0.00	107.86 2.47 0.00	54.94 1.28 0.00	50.51 1.28 0.00	52.69 1.55 0.00	53.76 1.65 0.00	66.04 1.88 0.00	58.78 1.96 0.00	62.46 1.81 0.00	72.10 1.60 0.00	71.34 1.73 0.00	123.36 3.15 0.00	95.85 2.30 0.00	60.50 1.37 0.00	70.81 1.59 0.00	61.96 1.36 0.00	60.87 1.46 0.00	60.54 1.33 0.00
SHOREHAM_IC_1 23715	55.62 2.06 0.00	56.88 1.66 0.00	57.58 1.50 0.00	56.61 1.42 0.00	56.27 1.04 0.00	60.11 1.13 -2.33	102.59 1.60 11.84	91.05 1.44 15.79	34.51 0.86 20.01	37.32 1.03 12.93	51.79 1.72 1.07	54.19 2.08 0.00	67.90 1.82 -1.92	60.75 2.54 -1.39	72.41 2.17 -9.58	81.66 1.81 -9.33	84.52 2.45 -12.45	144.94 5.41 -19.32	111.65 3.73 -14.38	69.78 2.09 -8.55	82.47 2.35 -10.90	72.46 1.85 -10.02	69.78 2.47 -7.91	65.89 1.93 -4.74
SHOREHAM_IC_2 23716	55.62 2.06 0.00	56.88 1.66 0.00	57.58 1.50 0.00	56.60 1.40 0.00	56.26 1.03 0.00	60.11 1.13 -2.33	102.69 1.70 11.84	91.20 1.60 15.79	34.61 0.96 20.01	37.42 1.13 12.93	51.78 1.71 1.07	54.18 2.07 0.00	67.92 1.83 -1.92	60.73 2.52 -1.39	72.40 2.16 -9.58	81.65 1.82 -9.33	84.51 2.45 -12.45	144.95 5.42 -19.32	111.65 3.73 -14.38	69.78 2.09 -8.55	82.47 2.35 -10.90	72.47 1.85 -10.02	69.78 2.46 -7.91	65.91 1.96 -4.74
SISSONVILLE____ 23735	54.98 1.42 0.00	56.78 1.56 0.00	57.69 1.61 0.00	56.82 1.62 0.00	56.93 1.70 0.00	58.61 1.96 0.00	117.38 4.55 0.00	110.17 4.77 0.00	56.03 2.38 0.00	51.31 2.08 0.00	53.07 1.93 0.00	53.77 1.66 0.00	66.46 2.30 0.00	58.29 1.48 0.00	62.31 1.65 0.00	72.46 1.96 0.00	71.31 1.70 0.00	122.56 2.35 0.00	95.29 1.74 0.00	60.35 1.22 0.00	71.13 1.90 0.00	62.80 2.20 0.00	61.84 2.43 0.00	61.77 2.56 0.00
SITHE_IND_GS1 24169	51.60 -1.95 0.01	53.20 -2.02 0.00	54.00 -2.07 0.00	53.14 -2.04 0.02	53.19 -2.04 0.00	54.60 -2.05 0.00	108.75 -4.07 0.00	101.20 -3.73 0.46	51.74 -1.92 0.00	47.42 -1.81 0.00	49.23 -1.91 0.00	50.25 -1.86 0.00	61.83 -2.33 0.00	54.76 -2.05 0.00	58.41 -2.24 0.00	67.97 -2.54 0.00	66.83 -2.48 0.30	114.30 -4.29 1.61	89.87 -3.36 0.32	56.24 -2.19 0.70	66.64 -2.58 0.00	58.38 -2.22 0.00	57.19 -2.22 0.00	57.02 -2.19 0.00
SITHE_IND_GS2 24170	51.60 -1.95 0.01	53.20 -2.02 0.00	54.00 -2.07 0.00	53.14 -2.04 0.02	53.19 -2.04 0.00	54.60 -2.05 0.00	108.75 -4.07 0.00	101.20 -3.73 0.46	51.74 -1.92 0.00	47.42 -1.81 0.00	49.23 -1.91 0.00	50.25 -1.86 0.00	61.83 -2.33 0.00	54.76 -2.05 0.00	58.41 -2.24 0.00	67.97 -2.54 0.00	66.83 -2.48 0.30	114.30 -4.29 1.61	89.87 -3.36 0.32	56.24 -2.19 0.70	66.64 -2.58 0.00	58.38 -2.22 0.00	57.19 -2.22 0.00	57.02 -2.19 0.00
SITHE_IND_GS3 24171	51.61 -1.95 0.00	53.20 -2.02 0.00	54.00 -2.07 0.00	53.16 -2.04 0.00	53.19 -2.04 0.00	54.60 -2.05 0.00	108.76 -4.07 0.00	101.66 -3.73 0.00	51.74 -1.92 0.00	47.42 -1.81 0.00	49.23 -1.91 0.00	50.25 -1.86 0.00	61.83 -2.33 0.00	54.76 -2.05 0.00	58.41 -2.24 0.00	67.97 -2.54 0.00	67.13 -2.48 0.00	115.91 -4.29 0.00	90.19 -3.36 0.00	56.94 -2.19 0.00	66.64 -2.58 0.00	58.38 -2.22 0.00	57.19 -2.22 0.00	57.02 -2.19 0.00
SITHE_IND_GS4 24172	51.61 -1.95 0.00	53.20 -2.02 0.00	54.00 -2.07 0.00	53.16 -2.04 0.00	53.19 -2.04 0.00	54.60 -2.05 0.00	108.76 -4.07 0.00	101.66 -3.73 0.00	51.74 -1.92 0.00	47.42 -1.81 0.00	49.23 -1.91 0.00	50.25 -1.86 0.00	61.83 -2.33 0.00	54.76 -2.05 0.00	58.41 -2.24 0.00	67.97 -2.54 0.00	67.13 -2.48 0.00	115.91 -4.29 0.00	90.19 -3.36 0.00	56.94 -2.19 0.00	66.64 -2.58 0.00	58.38 -2.22 0.00	57.19 -2.22 0.00	57.02 -2.19 0.00

SITHE___BATAVIA 24024	51.60 -1.95 0.01	53.14 -2.07 0.00	53.71 -2.37 0.00	52.90 -2.27 0.02	52.99 -2.24 0.00	54.86 -1.79 0.00	109.09 -3.73 0.00	102.35 -2.36 0.68	52.21 -1.45 0.00	47.86 -1.36 0.00	49.71 -1.43 0.00	51.07 -1.04 0.00	62.74 -1.42 0.00	55.46 -1.35 0.00	58.58 -2.08 0.00	68.85 -1.66 0.00	67.54 -1.62 0.44	115.17 -2.62 2.42	90.52 -2.50 0.52	55.99 -1.99 1.15	66.76 -2.46 0.00	59.07 -1.54 0.00	57.75 -1.67 0.00	57.72 -1.49 0.00
SITHE___INDEPEND 23800	51.60 -1.96 0.01	53.20 -2.02 0.00	54.00 -2.07 0.00	53.14 -2.04 0.02	53.20 -2.03 0.00	54.60 -2.05 0.00	108.75 -4.08 0.00	101.19 -3.74 0.46	51.74 -1.92 0.00	47.42 -1.81 0.00	49.23 -1.91 0.00	50.25 -1.86 0.00	61.82 -2.34 0.00	54.76 -2.05 0.00	58.41 -2.24 0.00	67.97 -2.54 0.00	66.83 -2.48 0.30	114.30 -4.30 1.61	89.88 -3.35 0.32	56.24 -2.19 0.70	66.64 -2.58 0.00	58.38 -2.22 0.00	57.19 -2.22 0.00	57.02 -2.19 0.00
SITHE___MASSENA 23902	55.01 1.44 0.00	56.78 1.56 0.00	57.65 1.57 0.00	56.72 1.53 0.00	56.79 1.56 0.00	58.38 1.73 0.00	116.71 3.88 0.00	109.36 3.96 0.00	55.64 1.98 0.00	51.06 1.84 0.00	52.94 1.81 0.00	53.76 1.66 0.00	66.41 2.26 0.00	58.46 1.64 0.00	62.47 1.81 0.00	72.81 2.30 0.00	71.83 2.22 0.00	123.73 3.53 0.00	96.26 2.72 0.00	60.80 1.66 0.00	71.30 2.08 0.00	62.66 2.06 0.00	61.48 2.06 0.00	61.42 2.20 0.00
SITHE___OGDNSBRG 24021	55.93 2.36 0.00	57.73 2.51 0.00	58.60 2.52 0.00	57.68 2.49 0.00	57.80 2.57 0.00	59.54 2.89 0.00	119.32 6.49 0.00	111.99 6.60 0.00	56.91 3.26 0.00	52.13 2.90 0.00	53.73 2.59 0.00	54.48 2.37 0.00	67.58 3.42 0.00	59.02 2.21 0.00	63.33 2.67 0.00	73.91 3.41 0.00	72.97 3.36 0.00	125.74 5.54 0.00	97.77 4.22 0.00	61.77 2.64 0.00	72.59 3.37 0.00	63.94 3.34 0.00	62.79 3.38 0.00	62.67 3.46 0.00
SITHE___STERLING 23777	54.42 0.86 0.00	56.23 1.02 0.00	57.21 1.13 0.00	56.36 1.17 0.00	56.49 1.26 0.00	58.13 1.48 0.00	116.07 3.24 0.00	108.50 3.11 0.00	55.17 1.51 0.00	50.55 1.32 0.00	52.30 1.17 0.00	53.24 1.13 0.00	65.21 1.05 0.00	57.84 1.03 0.00	61.84 1.19 0.00	72.22 1.72 0.00	71.49 1.88 0.00	123.39 3.19 0.00	95.96 2.41 0.00	60.56 1.43 0.00	70.90 1.67 0.00	61.94 1.34 0.00	60.66 1.25 0.00	60.32 1.11 0.00
SLEIGHT__34_KV_TB1 80719	51.86 -1.71 0.00	53.41 -1.81 0.00	54.12 -1.96 0.00	53.30 -1.89 0.00	53.38 -1.85 0.00	55.04 -1.61 0.00	109.72 -3.10 0.00	102.99 -2.41 0.00	52.28 -1.38 0.00	47.83 -1.40 0.00	49.68 -1.46 0.00	50.97 -1.13 0.00	62.80 -1.36 0.00	55.51 -1.31 0.00	59.01 -1.64 0.00	68.84 -1.66 0.00	68.05 -1.56 0.00	117.48 -2.73 0.00	91.25 -2.30 0.00	57.43 -1.70 0.00	67.14 -2.09 0.00	59.04 -1.57 0.00	57.75 -1.66 0.00	57.57 -1.64 0.00
SMITHTWN_69_KV_BK 1 55830	55.71 2.15 0.00	56.98 1.76 0.00	57.67 1.59 0.00	56.69 1.50 0.00	56.32 1.09 0.00	58.85 1.10 -1.10	95.49 1.65 18.99	84.96 1.55 21.98	33.00 1.01 21.67	36.01 1.24 14.45	52.02 1.94 1.06	54.33 2.22 0.00	67.15 2.08 -0.91	60.12 2.65 -0.66	67.31 2.14 -4.52	76.57 1.66 -4.40	78.93 2.29 -7.03	134.07 4.76 -9.11	103.64 3.31 -6.78	65.11 1.95 -4.03	76.50 2.14 -5.14	68.11 1.81 -5.70	66.23 2.37 -4.45	62.31 1.97 -1.12
SOUTH CAIRO___GT 23612	55.59 2.03 0.00	57.33 2.11 0.00	58.23 2.15 0.00	57.30 2.11 0.00	57.39 2.16 0.00	58.85 2.20 0.00	117.24 4.41 0.00	109.35 3.95 0.00	55.16 1.50 0.00	49.97 0.74 0.00	52.21 1.07 0.00	53.19 1.08 0.00	65.71 1.55 0.00	58.60 1.79 0.00	62.39 1.73 0.00	73.00 2.50 0.00	72.38 2.77 0.00	125.35 5.15 0.00	97.81 4.26 0.00	61.86 2.72 0.00	72.24 3.02 0.00	62.83 2.23 0.00	61.39 1.97 0.00	60.91 1.69 0.00
SOUTH HAMPTN___IC 23720	55.43 1.87 0.00	56.69 1.47 0.00	57.40 1.32 0.00	56.44 1.24 0.00	56.16 0.93 0.00	60.24 1.13 -2.46	103.33 1.60 11.09	91.64 1.40 15.15	34.57 0.78 19.86	37.38 0.94 12.78	51.80 1.73 1.07	54.46 2.35 0.00	68.38 2.18 -2.04	61.15 2.86 -1.47	73.31 2.52 -10.13	82.50 2.13 -9.87	85.44 2.79 -13.04	147.28 6.64 -20.43	113.24 4.49 -15.20	70.51 2.34 -9.04	83.49 2.74 -11.53	72.98 1.92 -10.46	70.27 2.66 -8.20	66.26 1.96 -5.09
SOUTHDOW_115KV_TB1 355954	51.10 -2.44 0.02	52.73 -2.49 0.00	53.27 -2.81 0.00	52.72 -2.44 0.04	52.81 -2.41 0.00	54.77 -1.88 0.00	109.48 -3.35 0.00	102.60 -1.77 1.03	52.44 -1.21 0.00	48.49 -0.74 0.00	50.44 -0.70 0.00	51.75 -0.36 0.00	63.79 -0.37 0.00	56.22 -0.60 0.00	59.13 -1.53 0.00	68.95 -1.56 0.00	66.89 -1.97 0.75	112.84 -3.30 4.06	89.98 -2.69 0.88	55.06 -2.15 1.92	66.98 -2.25 0.00	59.21 -1.40 0.00	58.08 -1.33 0.00	57.98 -1.24 0.00
SOUTHOLD_69_KV_BK 2 55809	54.82 1.26 0.00	56.08 0.86 0.00	56.80 0.71 0.00	55.84 0.65 0.00	55.63 0.40 0.00	59.85 0.74 -2.46	102.54 0.82 11.11	90.91 0.68 15.16	34.19 0.39 19.86	37.00 0.56 12.79	51.49 1.43 1.07	54.44 2.33 0.00	68.37 2.18 -2.03	61.14 2.85 -1.47	73.30 2.51 -10.12	82.35 1.98 -9.86	85.29 2.65 -13.03	147.88 7.26 -20.41	113.48 4.74 -15.19	70.35 2.18 -9.03	83.47 2.73 -11.52	72.64 1.58 -10.45	70.06 2.46 -8.20	65.89 1.60 -5.08
SOUTHOLD___IC 23719	54.82 1.26 0.00	56.08 0.86 0.00	56.80 0.72 0.00	55.84 0.64 0.00	55.63 0.40 0.00	59.85 0.74 -2.46	102.44 0.72 11.11	90.75 0.52 15.16	34.08 0.29 19.86	36.92 0.48 12.79	51.49 1.43 1.07	54.44 2.33 0.00	68.37 2.18 -2.03	61.15 2.87 -1.47	73.30 2.52 -10.12	82.35 1.98 -9.86	85.28 2.64 -13.03	147.87 7.25 -20.41	113.47 4.74 -15.19	70.35 2.18 -9.03	83.46 2.73 -11.52	72.63 1.57 -10.45	70.07 2.47 -8.20	65.87 1.58 -5.08
SOUTH_FORK_WT_PWR 323839	53.93 0.37 0.00	55.18 -0.04 0.00	55.91 -0.17 0.00	54.97 -0.23 0.00	54.79 -0.43 0.00	59.05 -0.06 -2.46	100.77 -0.96 11.10	89.13 -1.11 15.16	33.24 -0.56 19.86	36.14 -0.30 12.79	50.84 0.77 1.07	54.04 1.93 0.00	67.89 1.70 -2.04	60.77 2.48 -1.47	72.84 2.05 -10.13	81.60 1.22 -9.87	84.51 1.87 -13.03	147.21 6.58 -20.43	112.80 4.05 -15.20	69.68 1.51 -9.04	82.84 2.10 -11.52	71.83 0.77 -10.46	69.43 1.82 -8.20	65.10 0.80 -5.08
SPIERFLS_115KV_TB 1 80737	54.96 1.40 0.00	56.86 1.64 0.00	57.56 1.48 0.00	56.58 1.39 0.00	56.64 1.41 0.00	58.27 1.62 0.00	115.91 3.08 0.00	107.93 2.53 0.00	55.07 1.41 0.00	49.94 0.72 0.00	51.63 0.50 0.00	52.79 0.69 0.00	65.25 1.09 0.00	58.07 1.26 0.00	62.40 1.74 0.00	72.70 2.20 0.00	71.70 2.09 0.00	124.07 3.86 0.00	97.16 3.62 0.00	61.35 2.22 0.00	71.55 2.33 0.00	62.17 1.56 0.00	61.09 1.68 0.00	60.68 1.46 0.00
ST LAWRENCE____ 23600	54.17 0.60 0.00	55.90 0.68 0.00	56.75 0.67 0.00	55.84 0.64 0.00	55.87 0.65 0.00	57.43 0.78 0.00	114.73 1.90 0.00	107.40 2.01 0.00	54.67 1.01 0.00	50.19 0.96 0.00	52.07 0.94 0.00	52.91 0.80 0.00	65.34 1.18 0.00	57.58 0.77 0.00	61.53 0.87 0.00	71.72 1.21 0.00	70.77 1.17 0.00	122.01 1.80 0.00	94.91 1.37 0.00	59.92 0.79 0.00	70.22 1.00 0.00	61.63 1.03 0.00	60.43 1.02 0.00	60.40 1.18 0.00

STATE_CA_115KV_115_LB 55624	54.14 0.57 0.00	55.82 0.60 0.00	56.65 0.56 0.00	55.73 0.54 0.00	55.76 0.53 0.00	57.06 0.41 0.00	113.27 0.44 0.00	105.31 -0.09 0.00	53.42 -0.24 0.00	48.90 -0.32 0.00	50.75 -0.39 0.00	51.79 -0.32 0.00	63.72 -0.44 0.00	56.72 -0.09 0.00	60.68 0.02 0.00	70.47 -0.03 0.00	69.55 -0.06 0.00	120.17 -0.04 0.00	93.81 0.27 0.00	59.44 0.31 0.00	69.47 0.25 0.00	60.47 -0.14 0.00	59.20 -0.21 0.00	58.83 -0.38 0.00
STATE_ST_34_KV_LOAD 55959	53.21 -0.36 -0.01	54.84 -0.37 0.00	55.63 -0.45 0.00	54.85 -0.37 -0.02	54.91 -0.32 0.00	56.46 -0.19 0.00	112.58 -0.25 0.00	106.05 0.03 -0.63	53.47 -0.19 0.00	48.69 -0.53 0.00	50.60 -0.54 0.00	51.91 -0.20 0.00	63.70 -0.46 0.00	56.45 -0.36 0.00	60.32 -0.34 0.00	70.26 -0.24 0.00	69.69 -0.22 -0.29	121.17 -0.63 -1.60	93.36 -0.53 -0.34	59.47 -0.42 -0.76	68.69 -0.54 0.00	60.33 -0.28 0.00	59.09 -0.32 0.00	58.88 -0.34 0.00
STATION_5_MISC_HYD 23604	51.78 -1.78 0.01	53.33 -1.89 0.00	53.96 -2.12 0.00	53.13 -2.05 0.02	53.20 -2.02 0.00	54.94 -1.72 0.00	109.32 -3.51 0.00	102.27 -2.65 0.47	52.24 -1.42 0.00	48.03 -1.20 0.00	49.91 -1.22 0.00	51.16 -0.95 0.00	63.05 -1.11 0.00	55.63 -1.18 0.00	58.93 -1.72 0.00	68.71 -1.79 0.00	67.54 -1.77 0.30	115.85 -2.67 1.69	90.75 -2.44 0.36	56.49 -1.84 0.80	66.99 -2.24 0.00	59.07 -1.54 0.00	57.77 -1.64 0.00	57.67 -1.54 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	52.11 -1.45 0.00	53.67 -1.55 0.00	54.39 -1.70 0.00	53.56 -1.63 0.01	53.64 -1.59 0.00	55.30 -1.35 0.00	110.19 -2.64 0.00	103.23 -1.97 0.20	52.53 -1.13 0.00	48.11 -1.12 0.00	49.98 -1.16 0.00	51.23 -0.88 0.00	63.08 -1.08 0.00	55.79 -1.03 0.00	59.27 -1.38 0.00	69.15 -1.35 0.00	68.19 -1.28 0.14	117.28 -2.14 0.79	91.51 -1.86 0.17	57.35 -1.41 0.37	67.48 -1.74 0.00	59.31 -1.29 0.00	58.03 -1.38 0.00	57.86 -1.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.46 -2.10 0.01	52.99 -2.22 0.00	53.64 -2.44 0.00	52.82 -2.36 0.02	52.89 -2.34 0.00	54.56 -2.09 0.00	108.56 -4.26 0.00	101.61 -3.37 0.41	51.89 -1.76 0.00	47.68 -1.55 0.00	49.56 -1.58 0.00	50.77 -1.33 0.00	62.56 -1.60 0.00	55.23 -1.58 0.00	58.56 -2.10 0.00	68.34 -2.16 0.00	67.20 -2.14 0.27	115.18 -3.54 1.49	90.19 -3.03 0.32	56.22 -2.21 0.70	66.54 -2.68 0.00	58.64 -1.97 0.00	57.36 -2.05 0.00	57.26 -1.95 0.00
STA_56___34_KV_BUS2 355983	51.46 -2.10 0.01	52.99 -2.22 0.00	53.64 -2.44 0.00	52.82 -2.36 0.02	52.89 -2.34 0.00	54.56 -2.09 0.00	108.56 -4.26 0.00	101.61 -3.37 0.41	51.89 -1.76 0.00	47.68 -1.55 0.00	49.56 -1.58 0.00	50.77 -1.33 0.00	62.56 -1.60 0.00	55.23 -1.58 0.00	58.56 -2.10 0.00	68.34 -2.16 0.00	67.20 -2.14 0.27	115.18 -3.54 1.49	90.19 -3.03 0.32	56.22 -2.21 0.70	66.54 -2.68 0.00	58.64 -1.97 0.00	57.36 -2.05 0.00	57.26 -1.95 0.00
STA_67___115KV_BK2 355882	51.70 -1.86 0.01	53.24 -1.98 0.00	53.88 -2.20 0.00	53.05 -2.13 0.02	53.12 -2.10 0.00	54.82 -1.82 0.00	109.08 -3.74 0.00	102.05 -2.87 0.47	52.15 -1.51 0.00	47.92 -1.30 0.00	49.81 -1.33 0.00	51.05 -1.06 0.00	62.89 -1.27 0.00	55.51 -1.30 0.00	58.81 -1.84 0.00	68.56 -1.95 0.00	67.38 -1.92 0.30	115.60 -2.92 1.68	90.56 -2.62 0.36	56.38 -1.96 0.80	66.84 -2.38 0.00	58.95 -1.66 0.00	57.66 -1.75 0.00	57.57 -1.64 0.00
STA_7___115KV_9TRANS 80674	52.00 -1.56 0.01	53.53 -1.69 0.00	54.18 -1.90 0.00	53.34 -1.84 0.02	53.42 -1.81 0.00	55.15 -1.50 0.00	109.80 -3.03 0.00	102.69 -2.24 0.47	52.47 -1.19 0.00	48.22 -1.00 0.00	50.14 -0.99 0.00	51.41 -0.70 0.00	63.34 -0.82 0.00	55.92 -0.90 0.00	59.22 -1.43 0.00	69.09 -1.42 0.00	67.92 -1.39 0.30	116.41 -2.11 1.68	91.20 -1.98 0.36	56.79 -1.55 0.80	67.35 -1.88 0.00	59.36 -1.24 0.00	58.05 -1.36 0.00	57.93 -1.29 0.00
STA_82___115KV_TB1 80780	51.66 -1.89 0.01	53.20 -2.02 0.00	53.85 -2.23 0.00	53.02 -2.16 0.02	53.09 -2.14 0.00	54.78 -1.86 0.00	109.01 -3.81 0.00	101.96 -2.96 0.48	52.11 -1.55 0.00	47.88 -1.35 0.00	49.77 -1.37 0.00	51.00 -1.10 0.00	62.83 -1.33 0.00	55.46 -1.35 0.00	58.77 -1.88 0.00	68.59 -1.92 0.00	67.41 -1.89 0.31	115.48 -3.03 1.69	90.50 -2.68 0.37	56.33 -2.00 0.80	66.81 -2.41 0.00	58.90 -1.71 0.00	57.61 -1.80 0.00	57.52 -1.70 0.00
STEEL___WIND 323596	50.12 -3.43 0.02	51.63 -3.59 0.00	52.19 -3.89 0.00	51.47 -3.70 0.03	51.44 -3.79 0.00	53.25 -3.40 0.00	105.71 -7.11 0.00	98.83 -5.61 0.96	50.78 -2.88 0.00	46.93 -2.30 0.00	48.68 -2.45 0.00	49.93 -2.18 0.00	61.55 -2.61 0.00	54.07 -2.74 0.00	57.05 -3.61 0.00	66.99 -3.51 0.00	65.26 -3.71 0.64	110.20 -6.53 3.47	87.30 -5.50 0.75	53.69 -3.79 1.64	64.79 -4.43 0.00	57.45 -3.15 0.00	56.36 -3.05 0.00	56.35 -2.86 0.00
STEPHTWN_115KV_BK_2 55603	54.55 0.99 0.00	56.19 0.97 0.00	56.88 0.81 0.00	56.07 0.87 0.00	56.16 0.93 0.00	57.58 0.94 0.00	114.28 1.45 0.00	106.26 0.86 0.00	53.86 0.20 0.00	49.22 -0.01 0.00	51.16 0.03 0.00	52.35 0.25 0.00	64.40 0.24 0.00	57.17 0.36 0.00	61.26 0.60 0.00	71.16 0.65 0.00	70.13 0.52 0.00	121.41 1.21 0.00	94.67 1.13 0.00	59.99 0.86 0.00	70.16 0.94 0.00	60.95 0.35 0.00	59.73 0.31 0.00	59.35 0.14 0.00
STEUBEN_REC_LFGE 323667	48.93 -4.56 0.07	50.39 -4.83 0.00	51.04 -5.04 0.00	50.18 -4.89 0.12	50.64 -4.58 0.00	52.16 -4.48 0.00	103.51 -9.31 0.01	94.90 -6.84 3.65	50.55 -3.11 0.00	46.68 -2.54 0.00	47.91 -3.23 0.00	48.69 -3.41 0.00	60.40 -3.77 0.00	53.60 -3.21 0.00	57.19 -3.47 0.00	67.48 -3.02 0.00	64.32 -3.17 2.12	102.69 -5.99 11.53	86.69 -4.36 2.49	50.89 -2.79 5.46	66.24 -2.99 0.00	58.48 -2.12 0.00	57.54 -1.87 0.00	57.63 -1.58 0.00
STILLWATER___SOLAR 323814	55.08 1.52 0.00	56.88 1.67 0.00	57.68 1.60 0.00	56.69 1.50 0.00	56.73 1.50 0.00	58.22 1.58 0.00	115.67 2.84 0.00	107.63 2.24 0.00	54.83 1.17 0.00	49.93 0.70 0.00	51.74 0.60 0.00	52.83 0.72 0.00	65.17 1.01 0.00	57.94 1.13 0.00	62.21 1.55 0.00	72.42 1.91 0.00	71.45 1.84 0.00	123.69 3.49 0.00	96.72 3.17 0.00	61.23 2.09 0.00	71.49 2.27 0.00	62.14 1.54 0.00	60.91 1.50 0.00	60.52 1.31 0.00
STONY___BROOK 24151	55.60 2.03 0.00	56.86 1.64 0.00	57.56 1.48 0.00	56.58 1.39 0.00	56.19 0.97 0.00	59.39 0.96 -1.78	99.04 1.21 15.00	87.97 1.09 18.52	33.74 0.80 20.72	36.72 1.08 13.59	51.92 1.85 1.06	54.24 2.13 0.00	67.57 1.94 -1.47	60.43 2.55 -1.07	69.97 2.00 -7.32	79.12 1.49 -7.13	81.74 2.10 -10.03	139.42 4.46 -14.76	107.59 3.06 -10.98	67.44 1.78 -6.53	79.50 1.95 -8.33	70.36 1.65 -8.11	68.09 2.23 -6.45	64.20 1.82 -3.17
STURGEON_POOL_HYD 23609	55.32 1.76 0.00	56.72 1.50 0.00	57.57 1.49 0.00	56.66 1.47 0.00	56.67 1.44 0.00	58.12 1.47 0.00	115.78 2.96 0.00	108.20 2.81 0.00	55.19 1.53 0.00	50.81 1.59 0.00	53.06 1.93 0.00	54.21 2.11 0.00	66.51 2.35 0.00	59.10 2.29 0.00	62.87 2.21 0.00	72.47 1.96 0.00	71.69 2.09 0.00	123.92 3.72 0.00	96.27 2.72 0.00	60.78 1.65 0.00	71.11 1.89 0.00	62.21 1.61 0.00	61.14 1.73 0.00	60.77 1.55 0.00

ST_LAW_115_BK7_LBMP 345037	54.23 0.67 0.00	55.99 0.77 0.00	56.83 0.75 0.00	55.90 0.71 0.00	55.96 0.73 0.00	57.50 0.85 0.00	114.92 2.09 0.00	107.61 2.21 0.00	54.78 1.12 0.00	50.28 1.06 0.00	52.18 1.04 0.00	52.99 0.88 0.00	65.45 1.29 0.00	57.66 0.85 0.00	61.61 0.95 0.00	71.82 1.32 0.00	70.86 1.25 0.00	122.14 1.93 0.00	95.01 1.46 0.00	60.00 0.87 0.00	70.32 1.10 0.00	61.74 1.13 0.00	60.54 1.12 0.00	60.49 1.28 0.00
ST_LAW_115_BK8_LBMP 345038	54.23 0.67 0.00	55.99 0.77 0.00	56.83 0.75 0.00	55.90 0.71 0.00	55.96 0.73 0.00	57.50 0.85 0.00	114.92 2.09 0.00	107.61 2.21 0.00	54.78 1.12 0.00	50.28 1.06 0.00	52.18 1.04 0.00	52.99 0.88 0.00	65.45 1.29 0.00	57.66 0.85 0.00	61.61 0.95 0.00	71.82 1.32 0.00	70.86 1.25 0.00	122.14 1.93 0.00	95.01 1.46 0.00	60.00 0.87 0.00	70.32 1.10 0.00	61.74 1.13 0.00	60.54 1.12 0.00	60.49 1.28 0.00
ST_LAW_230_BK5_LBMP 345035	54.17 0.60 0.00	55.90 0.68 0.00	56.75 0.67 0.00	55.84 0.64 0.00	55.87 0.65 0.00	57.43 0.78 0.00	114.73 1.90 0.00	107.40 2.01 0.00	54.67 1.01 0.00	50.19 0.96 0.00	52.07 0.94 0.00	52.91 0.80 0.00	65.34 1.18 0.00	57.58 0.77 0.00	61.53 0.87 0.00	71.72 1.21 0.00	70.77 1.17 0.00	122.01 1.80 0.00	94.91 1.37 0.00	59.92 0.79 0.00	70.22 1.00 0.00	61.63 1.03 0.00	60.43 1.02 0.00	60.40 1.18 0.00
ST_LAW_230_BK6_LBMP 345036	54.17 0.60 0.00	55.90 0.68 0.00	56.75 0.67 0.00	55.84 0.64 0.00	55.87 0.65 0.00	57.43 0.78 0.00	114.73 1.90 0.00	107.40 2.01 0.00	54.67 1.01 0.00	50.19 0.96 0.00	52.07 0.94 0.00	52.91 0.80 0.00	65.34 1.18 0.00	57.58 0.77 0.00	61.53 0.87 0.00	71.72 1.21 0.00	70.77 1.17 0.00	122.01 1.80 0.00	94.91 1.37 0.00	59.92 0.79 0.00	70.22 1.00 0.00	61.63 1.03 0.00	60.43 1.02 0.00	60.40 1.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	55.30 1.74 0.00	56.65 1.43 0.00	57.47 1.39 0.00	56.57 1.38 0.00	56.57 1.34 0.00	58.07 1.42 0.00	115.72 2.89 0.00	108.09 2.70 0.00	55.09 1.43 0.00	50.69 1.47 0.00	52.91 1.77 0.00	54.03 1.93 0.00	66.29 2.13 0.00	58.98 2.17 0.00	62.68 2.03 0.00	72.25 1.75 0.00	71.50 1.89 0.00	123.65 3.44 0.00	96.02 2.48 0.00	60.57 1.44 0.00	70.89 1.67 0.00	62.03 1.43 0.00	60.99 1.58 0.00	60.65 1.43 0.00
SWANROAD_115KV_TB1 355699	49.09 -4.46 0.02	50.57 -4.65 0.00	51.09 -4.99 0.00	50.33 -4.83 0.03	50.34 -4.88 0.00	52.03 -4.62 0.00	102.80 -10.02 0.00	96.29 -8.29 0.81	49.43 -4.23 0.00	45.60 -3.63 0.00	47.41 -3.73 0.00	48.60 -3.50 0.00	59.85 -4.31 0.00	52.64 -4.17 0.00	55.42 -5.24 0.00	65.14 -5.36 0.00	63.63 -5.45 0.53	107.86 -9.45 2.90	85.09 -7.83 0.63	52.45 -5.31 1.37	62.86 -6.36 0.00	55.94 -4.67 0.00	54.84 -4.57 0.00	55.02 -4.19 0.00
SYNERGY___BIOGAS 323694	51.62 -1.93 0.01	53.14 -2.08 0.00	53.71 -2.37 0.00	52.91 -2.26 0.02	53.01 -2.22 0.00	54.86 -1.79 0.00	109.06 -3.77 0.00	102.35 -2.36 0.68	52.24 -1.42 0.00	47.85 -1.37 0.00	49.70 -1.43 0.00	51.07 -1.04 0.00	62.72 -1.45 0.00	55.47 -1.34 0.00	58.60 -2.06 0.00	68.85 -1.65 0.00	67.55 -1.62 0.44	115.16 -2.62 2.42	90.54 -2.48 0.52	56.00 -1.98 1.15	66.76 -2.46 0.00	59.06 -1.54 0.00	57.76 -1.65 0.00	57.75 -1.47 0.00
SYRACUSE___ENERGY_ST1 323597	52.81 -0.76 0.00	54.43 -0.79 0.00	55.27 -0.81 0.00	54.43 -0.76 -0.01	54.50 -0.73 0.00	55.97 -0.68 0.00	111.55 -1.28 0.00	104.51 -1.08 -0.20	53.00 -0.66 0.00	48.49 -0.74 0.00	50.34 -0.80 0.00	51.51 -0.59 0.00	63.34 -0.82 0.00	56.16 -0.66 0.00	59.92 -0.74 0.00	69.72 -0.78 0.00	68.96 -0.75 -0.10	119.47 -1.30 -0.56	92.59 -1.08 -0.12	58.65 -0.75 -0.26	68.31 -0.91 0.00	59.85 -0.75 0.00	58.60 -0.81 0.00	58.40 -0.81 0.00
SYRACUSE___ENERGY_ST2 323598	52.81 -0.76 0.00	54.43 -0.79 0.00	55.27 -0.81 0.00	54.43 -0.76 -0.01	54.50 -0.73 0.00	55.97 -0.68 0.00	111.55 -1.28 0.00	104.51 -1.08 -0.20	53.00 -0.66 0.00	48.49 -0.74 0.00	50.34 -0.80 0.00	51.51 -0.59 0.00	63.34 -0.82 0.00	56.16 -0.66 0.00	59.92 -0.74 0.00	69.72 -0.78 0.00	68.96 -0.75 -0.10	119.47 -1.30 -0.56	92.59 -1.08 -0.12	58.65 -0.75 -0.26	68.31 -0.91 0.00	59.85 -0.75 0.00	58.60 -0.81 0.00	58.40 -0.81 0.00
SYRACUSE___POWER 24017	52.82 -0.75 -0.01	54.45 -0.77 0.00	55.30 -0.77 0.00	54.47 -0.74 -0.01	54.52 -0.71 0.00	55.96 -0.69 0.00	111.52 -1.31 0.00	104.53 -1.10 -0.24	53.02 -0.64 0.00	48.54 -0.69 0.00	50.38 -0.75 0.00	51.54 -0.57 0.00	63.40 -0.76 0.00	56.21 -0.60 0.00	59.98 -0.68 0.00	69.76 -0.74 0.00	69.07 -0.70 -0.16	119.89 -1.17 -0.86	92.75 -0.99 -0.18	58.84 -0.70 -0.40	68.37 -0.85 0.00	59.85 -0.75 0.00	58.61 -0.80 0.00	58.43 -0.78 0.00
TALLMAN__138KV_BK151 55660	55.45 1.88 0.00	56.74 1.52 0.00	57.53 1.45 0.00	56.61 1.42 0.00	56.62 1.39 0.00	58.14 1.50 0.00	115.91 3.08 0.00	108.29 2.90 0.00	55.22 1.56 0.00	50.85 1.63 0.00	53.08 1.95 0.00	54.24 2.14 0.00	66.51 2.35 0.00	59.19 2.38 0.00	62.82 2.17 0.00	72.32 1.81 0.00	71.58 1.97 0.00	123.82 3.61 0.00	96.04 2.49 0.00	60.58 1.45 0.00	70.89 1.67 0.00	62.04 1.44 0.00	61.06 1.65 0.00	60.73 1.52 0.00
TEALLAVE_115KV_TB7 355573	52.48 -1.09 0.00	54.11 -1.11 0.00	54.97 -1.11 0.00	54.13 -1.07 0.00	54.18 -1.05 0.00	55.59 -1.05 0.00	110.76 -2.06 0.00	103.56 -1.84 0.00	52.67 -0.99 0.00	48.27 -0.96 0.00	50.10 -1.04 0.00	51.21 -0.89 0.00	63.00 -1.16 0.00	55.85 -0.96 0.00	59.57 -1.09 0.00	69.30 -1.20 0.00	68.44 -1.17 0.00	118.16 -2.05 0.00	91.90 -1.64 0.00	58.02 -1.12 0.00	67.87 -1.35 0.00	59.43 -1.17 0.00	58.21 -1.20 0.00	58.06 -1.16 0.00
TELGGRAPH_34_KV_EAST 80808	50.36 -3.19 0.02	51.84 -3.38 0.00	52.41 -3.67 0.00	51.63 -3.54 0.03	51.66 -3.56 0.00	53.43 -3.21 0.00	105.92 -6.90 0.00	99.35 -5.30 0.74	50.88 -2.78 0.00	46.83 -2.40 0.00	48.64 -2.50 0.00	49.90 -2.20 0.00	61.42 -2.74 0.00	54.12 -2.70 0.00	57.04 -3.61 0.00	67.02 -3.49 0.00	65.62 -3.51 0.49	111.46 -6.10 2.64	87.81 -5.16 0.57	54.23 -3.65 1.25	64.83 -4.40 0.00	57.54 -3.06 0.00	56.36 -3.06 0.00	56.42 -2.79 0.00
TEMPLE___115KV_TB 2 55572	52.49 -1.08 0.00	54.14 -1.08 0.00	54.99 -1.09 0.00	54.14 -1.06 0.00	54.19 -1.04 0.00	55.60 -1.05 0.00	110.76 -2.06 0.00	103.59 -1.80 0.00	52.68 -0.97 0.00	48.27 -0.95 0.00	50.12 -1.01 0.00	51.24 -0.87 0.00	63.03 -1.13 0.00	55.89 -0.93 0.00	59.59 -1.07 0.00	69.32 -1.19 0.00	68.47 -1.14 0.00	118.19 -2.01 0.00	91.92 -1.63 0.00	58.03 -1.10 0.00	67.89 -1.33 0.00	59.45 -1.16 0.00	58.22 -1.19 0.00	58.07 -1.15 0.00
TIANA____69_KV_BK 1 55817	55.57 2.00 0.00	56.83 1.61 0.00	57.55 1.47 0.00	56.57 1.37 0.00	56.26 1.03 0.00	60.35 1.24 -2.46	103.61 1.89 11.10	92.01 1.78 15.16	34.80 1.00 19.86	37.58 1.14 12.79	51.86 1.79 1.07	54.43 2.32 0.00	68.35 2.16 -2.03	61.11 2.83 -1.47	73.27 2.49 -10.12	82.53 2.16 -9.86	85.43 2.80 -13.03	147.07 6.45 -20.42	113.14 4.41 -15.19	70.51 2.35 -9.03	83.47 2.73 -11.52	73.08 2.02 -10.46	70.28 2.68 -8.20	66.36 2.06 -5.08

TILDEN___115KV_TB1 80814	52.82 -0.75 -0.01	54.45 -0.77 0.00	55.30 -0.77 0.00	54.47 -0.74 -0.01	54.52 -0.71 0.00	55.96 -0.69 0.00	111.52 -1.31 0.00	104.53 -1.10 -0.24	53.02 -0.64 0.00	48.54 -0.69 0.00	50.38 -0.75 0.00	51.54 -0.57 0.00	63.40 -0.76 0.00	56.21 -0.60 0.00	59.98 -0.68 0.00	69.76 -0.74 0.00	69.07 -0.70 -0.16	119.89 -1.17 -0.86	92.75 -0.99 -0.18	58.84 -0.70 -0.40	68.37 -0.85 0.00	59.85 -0.75 0.00	58.61 -0.80 0.00	58.43 -0.78 0.00
TRIGEN___CC 323695	55.66 2.09 0.00	56.96 1.75 0.00	57.69 1.61 0.00	56.75 1.56 0.00	56.54 1.31 0.00	58.02 1.37 0.00	111.11 2.40 4.12	103.18 2.25 4.46	51.25 1.35 3.76	48.17 1.51 2.57	53.09 2.12 0.17	54.46 2.35 0.00	66.55 2.39 0.00	59.48 2.67 0.00	62.96 2.30 0.00	72.33 1.83 0.00	75.70 2.22 -3.87	124.38 4.18 0.00	96.49 2.94 0.00	60.92 1.78 0.00	71.26 2.04 0.00	75.61 1.82 -13.18	103.54 2.30 -41.83	81.70 1.99 -20.50
TRINITY___115KV___4 BK 55933	53.92 0.36 0.00	55.61 0.39 0.00	56.42 0.34 0.00	55.51 0.32 0.00	55.54 0.31 0.00	56.82 0.17 0.00	112.72 -0.10 0.00	104.80 -0.59 0.00	53.20 -0.46 0.00	48.68 -0.55 0.00	50.52 -0.62 0.00	51.54 -0.56 0.00	63.40 -0.76 0.00	56.42 -0.39 0.00	60.37 -0.29 0.00	70.09 -0.41 0.00	69.17 -0.44 0.00	119.60 -0.60 0.00	93.39 -0.16 0.00	59.20 0.07 0.00	69.19 -0.03 0.00	60.22 -0.38 0.00	58.99 -0.42 0.00	58.64 -0.58 0.00
UNION___PROCESSING_DRP 323587	51.67 -1.89 0.01	53.22 -2.00 0.00	53.85 -2.23 0.00	53.02 -2.16 0.02	53.10 -2.13 0.00	54.80 -1.85 0.00	109.02 -3.80 0.00	102.02 -2.90 0.47	52.12 -1.54 0.00	47.89 -1.34 0.00	49.78 -1.36 0.00	51.01 -1.09 0.00	62.85 -1.31 0.00	55.49 -1.33 0.00	58.78 -1.87 0.00	68.60 -1.90 0.00	67.44 -1.87 0.31	115.52 -3.00 1.69	90.53 -2.65 0.36	56.35 -1.99 0.80	66.82 -2.40 0.00	58.92 -1.68 0.00	57.63 -1.78 0.00	57.53 -1.68 0.00
UPPER HUDSON___HYD 24058	54.96 1.40 0.00	56.86 1.64 0.00	57.56 1.48 0.00	56.58 1.39 0.00	56.64 1.41 0.00	58.27 1.62 0.00	115.91 3.08 0.00	107.93 2.53 0.00	55.07 1.41 0.00	49.94 0.72 0.00	51.64 0.50 0.00	52.79 0.69 0.00	65.24 1.08 0.00	58.07 1.26 0.00	62.40 1.74 0.00	72.70 2.20 0.00	71.70 2.10 0.00	124.06 3.85 0.00	97.18 3.63 0.00	61.35 2.22 0.00	71.55 2.33 0.00	62.17 1.56 0.00	61.09 1.68 0.00	60.68 1.46 0.00
UPPER RAQUET___HYD 24056	54.99 1.42 0.00	56.78 1.56 0.00	57.69 1.61 0.00	56.82 1.62 0.00	56.93 1.70 0.00	58.60 1.96 0.00	117.38 4.55 0.00	110.17 2.38 0.00	56.04 2.38 0.00	51.31 2.08 0.00	53.07 1.93 0.00	53.77 1.66 0.00	66.46 2.30 0.00	58.29 1.48 0.00	62.31 1.65 0.00	72.46 1.96 0.00	71.31 1.70 0.00	122.57 2.36 0.00	95.29 1.75 0.00	60.35 1.21 0.00	71.13 1.90 0.00	62.80 2.20 0.00	61.84 2.43 0.00	61.77 2.56 0.00
VALLEY44_115KV_TB2 355964	50.60 -2.94 0.02	51.99 -3.23 0.00	52.59 -3.49 0.00	51.99 -3.17 0.04	52.09 -3.13 0.00	53.60 -3.05 0.00	105.89 -6.94 0.00	98.76 -5.55 1.08	50.82 -2.83 0.00	47.11 -2.12 0.00	48.87 -2.27 0.00	50.36 -1.75 0.00	62.07 -2.09 0.00	54.76 -2.06 0.00	57.57 -3.09 0.00	66.56 -3.95 0.00	64.32 -4.51 0.78	108.33 -7.62 4.25	86.52 -6.11 0.92	52.93 -4.19 2.01	64.44 -4.78 0.00	57.10 -3.51 0.00	56.08 -3.33 0.00	56.08 -3.13 0.00
VALLEY___115KV_TB 1-4 80826	55.42 1.86 0.00	56.98 1.76 0.00	57.87 1.79 0.00	57.04 1.85 0.00	57.10 1.88 0.00	58.65 2.00 0.00	116.79 3.97 0.00	108.73 3.33 0.00	54.75 1.10 0.00	50.07 0.85 0.00	52.20 1.06 0.00	53.34 1.23 0.00	65.52 1.36 0.00	58.35 1.53 0.00	61.71 1.05 0.00	71.81 1.30 0.00	71.42 1.82 0.00	124.24 4.03 0.00	97.03 3.49 0.00	61.36 2.23 0.00	71.73 2.51 0.00	62.78 2.18 0.00	61.56 2.15 0.00	61.14 1.93 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	55.61 2.04 0.00	57.25 2.03 0.00	58.24 2.16 0.00	57.42 2.23 0.00	57.52 2.29 0.00	58.99 2.34 0.00	117.54 4.72 0.00	109.90 4.51 0.00	55.99 2.33 0.00	51.36 2.14 0.00	53.37 2.23 0.00	54.60 2.50 0.00	67.13 2.97 0.00	59.56 2.75 0.00	63.60 2.95 0.00	73.65 3.15 0.00	72.72 3.11 0.00	125.63 5.42 0.00	97.67 4.12 0.00	61.71 2.58 0.00	72.21 2.98 0.00	63.15 2.54 0.00	61.79 2.38 0.00	61.52 2.31 0.00
VISCHER___FERRY HYD 24020	54.42 0.85 0.00	56.15 0.94 0.00	56.93 0.86 0.00	55.98 0.78 0.00	55.99 0.76 0.00	57.36 0.71 0.00	113.72 0.89 0.00	105.70 0.31 0.00	53.94 0.28 0.00	49.18 -0.05 0.00	51.00 -0.14 0.00	52.04 -0.06 0.00	64.07 -0.09 0.00	57.03 0.21 0.00	61.19 0.54 0.00	71.13 0.63 0.00	70.17 0.56 0.00	121.51 1.30 0.00	95.07 1.52 0.00	60.29 1.16 0.00	70.42 1.20 0.00	61.14 0.54 0.00	59.89 0.48 0.00	59.50 0.29 0.00
V_A_10_SYNC_DSASP 323832	50.14 -3.41 0.01	51.67 -3.55 0.00	52.24 -3.84 0.00	51.46 -3.72 0.02	51.50 -3.73 0.00	53.14 -3.51 0.00	105.29 -7.53 0.00	98.50 -6.26 0.63	50.50 -3.16 0.00	46.58 -2.65 0.00	48.41 -2.73 0.00	49.62 -2.49 0.00	61.21 -2.95 0.00	53.90 -2.91 0.00	56.92 -3.74 0.00	66.58 -3.93 0.00	65.16 -4.03 0.42	110.89 -7.06 2.26	87.21 -5.85 0.49	53.99 -4.07 1.07	64.43 -4.79 0.00	57.11 -3.50 0.00	55.96 -3.45 0.00	56.03 -3.19 0.00
V_CMM_10_SYNC_DSASP 323787	54.52 0.95 0.00	56.28 1.06 0.00	57.13 1.05 0.00	56.21 1.02 0.00	56.26 1.03 0.00	57.83 1.18 0.00	115.56 2.73 0.00	108.21 2.82 0.00	55.07 1.41 0.00	50.56 1.34 0.00	52.47 1.33 0.00	53.29 1.19 0.00	65.82 1.66 0.00	57.99 1.17 0.00	61.95 1.30 0.00	72.22 1.72 0.00	71.27 1.66 0.00	122.73 2.53 0.00	95.40 1.86 0.00	60.33 1.19 0.00	70.70 1.48 0.00	62.07 1.47 0.00	60.88 1.47 0.00	60.82 1.61 0.00
V_CMP_10_SYNC_DSASP 323788	54.54 0.98 0.00	56.18 0.96 0.00	56.99 0.91 0.00	55.96 0.77 0.00	56.03 0.80 0.00	57.40 0.76 0.00	115.41 2.58 0.00	108.22 2.83 0.00	55.06 1.40 0.00	50.48 1.26 0.00	52.28 1.14 0.00	53.18 1.08 0.00	65.74 1.58 0.00	57.94 1.13 0.00	61.59 0.93 0.00	71.90 1.40 0.00	70.89 1.29 0.00	122.25 2.05 0.00	95.23 1.69 0.00	60.10 0.97 0.00	70.40 1.18 0.00	61.80 1.20 0.00	60.93 1.52 0.00	61.26 2.05 0.00
V_D_10_SYNC_DSASP 323841	54.98 1.41 0.00	56.76 1.54 0.00	57.63 1.55 0.00	56.71 1.51 0.00	56.76 1.53 0.00	58.36 1.71 0.00	116.68 3.85 0.00	109.29 3.90 0.00	55.62 1.96 0.00	51.04 1.82 0.00	52.93 1.79 0.00	53.74 1.64 0.00	66.40 2.24 0.00	58.44 1.63 0.00	62.45 1.79 0.00	72.79 2.29 0.00	71.81 2.20 0.00	123.71 3.51 0.00	96.25 2.71 0.00	60.77 1.64 0.00	71.28 2.06 0.00	62.64 2.04 0.00	61.46 2.05 0.00	61.40 2.19 0.00
V_E_10_SYNC_DSASP 323830	55.18 1.59 -0.02	56.94 1.72 0.00	57.86 1.78 0.00	57.55 2.31 -0.04	57.77 2.54 0.00	59.44 2.79 0.00	119.66 6.83 0.00	114.37 7.33 -1.64	57.05 3.39 0.00	51.85 2.62 0.00	52.79 1.65 0.00	54.26 2.16 0.00	66.60 2.44 0.00	59.07 2.25 0.00	63.58 2.93 0.00	73.88 3.38 0.00	74.62 4.23 -0.78	132.57 8.13 -4.23	100.63 6.17 -0.91	64.62 3.48 -2.00	73.08 3.86 0.00	63.74 3.14 0.00	62.38 2.97 0.00	62.24 3.02 0.00

V_F_30_NSYNC___DSASP 323816	55.17 1.61 0.00	56.95 1.73 0.00	57.78 1.70 0.00	56.78 1.59 0.00	56.82 1.60 0.00	58.33 1.67 0.00	115.89 3.06 0.00	107.84 2.45 0.00	54.94 1.28 0.00	50.04 0.81 0.00	51.87 0.73 0.00	52.97 0.87 0.00	65.36 1.20 0.00	58.08 1.27 0.00	62.32 1.66 0.00	72.54 2.03 0.00	71.57 1.96 0.00	123.90 3.70 0.00	96.86 3.32 0.00	61.29 2.16 0.00	71.59 2.37 0.00	62.26 1.66 0.00	61.02 1.61 0.00	60.63 1.42 0.00
V_F_30_SYNC_DSASP 323786	54.13 0.56 0.00	55.82 0.60 0.00	56.62 0.54 0.00	55.72 0.53 0.00	55.76 0.53 0.00	57.05 0.40 0.00	113.26 0.43 0.00	105.31 -0.09 0.00	53.42 -0.24 0.00	48.90 -0.32 0.00	50.74 -0.39 0.00	51.79 -0.32 0.00	63.72 -0.44 0.00	56.71 -0.10 0.00	60.67 0.02 0.00	70.46 -0.04 0.00	69.52 -0.09 0.00	120.16 -0.05 0.00	93.80 0.25 0.00	59.44 0.31 0.00	69.47 0.24 0.00	60.46 -0.14 0.00	59.20 -0.21 0.00	58.83 -0.39 0.00
V_XM_10_SYNC_DSASP 323789	54.54 0.98 0.00	56.18 0.96 0.00	56.99 0.91 0.00	55.96 0.77 0.00	56.03 0.80 0.00	57.40 0.76 0.00	115.41 2.58 0.00	108.22 2.83 0.00	55.06 1.40 0.00	50.48 1.26 0.00	52.28 1.14 0.00	53.18 1.08 0.00	65.74 1.58 0.00	57.94 1.13 0.00	61.59 0.93 0.00	71.90 1.40 0.00	70.89 1.29 0.00	122.25 2.05 0.00	95.23 1.69 0.00	60.10 0.97 0.00	70.40 1.18 0.00	61.80 1.20 0.00	60.93 1.52 0.00	61.26 2.05 0.00
W.BABYLN_69_KV_BK1 56697	56.33 2.76 0.00	57.62 2.40 0.00	58.34 2.26 0.00	57.37 2.18 0.00	57.08 1.85 0.00	59.26 1.96 -0.65	98.77 3.51 17.56	88.82 3.30 19.87	36.96 1.91 18.61	38.70 1.98 12.51	52.83 2.58 0.89	54.93 2.82 0.00	67.72 3.01 -0.54	60.72 3.51 -0.39	66.43 3.08 -2.69	75.85 2.73 -2.62	78.24 3.27 -5.36	131.96 6.33 -5.43	102.11 4.52 -4.04	64.41 2.87 -2.40	75.47 3.19 -3.06	70.11 2.79 -6.71	75.29 3.23 -12.65	67.25 2.80 -5.24
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	55.70 2.14 0.00	57.01 1.79 0.00	57.79 1.72 0.00	56.88 1.68 0.00	56.87 1.64 0.00	58.42 1.77 0.00	116.48 3.66 0.00	108.83 3.44 0.00	55.52 1.86 0.00	51.14 1.91 0.00	53.37 2.24 0.00	54.54 2.43 0.00	66.85 2.69 0.00	59.50 2.68 0.00	63.16 2.50 0.00	72.70 2.20 0.00	71.97 2.36 0.00	124.50 4.29 0.00	96.60 3.05 0.00	60.92 1.79 0.00	71.29 2.07 0.00	62.40 1.79 0.00	61.37 1.96 0.00	61.02 1.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	55.65 2.08 0.00	56.91 1.69 0.00	57.63 1.56 0.00	56.73 1.54 0.00	56.71 1.48 0.00	58.23 1.58 0.00	116.17 3.35 0.00	108.48 3.08 0.00	55.45 1.79 0.00	51.15 1.93 0.00	53.46 2.33 0.00	54.65 2.54 0.00	66.88 2.72 0.00	59.54 2.73 0.00	63.13 2.47 0.00	72.62 2.12 0.00	71.93 2.32 0.00	124.43 4.23 0.00	96.52 2.97 0.00	60.86 1.73 0.00	71.18 1.96 0.00	62.33 1.73 0.00	61.33 1.92 0.00	60.97 1.76 0.00
W50THST__13_KV_LOAD 356117	55.88 2.31 0.00	57.13 1.91 0.00	57.83 1.75 0.00	56.93 1.73 0.00	56.92 1.70 0.00	58.46 1.81 0.00	116.66 3.83 0.00	109.03 3.64 0.00	55.75 2.09 0.00	51.49 2.27 0.00	53.83 2.70 0.00	55.04 2.93 0.00	67.33 3.16 0.00	59.90 3.09 0.00	63.50 2.85 0.00	73.04 2.53 0.00	72.35 2.74 0.00	125.10 4.89 0.00	97.02 3.48 0.00	61.15 2.01 0.00	71.49 2.27 0.00	62.61 2.01 0.00	61.62 2.21 0.00	61.24 2.02 0.00
WADING RIVER_IC_1 23522	55.64 2.08 0.00	56.89 1.67 0.00	57.60 1.53 0.00	56.62 1.43 0.00	56.28 1.06 0.00	60.30 1.17 -2.48	103.50 1.67 11.00	91.83 1.52 15.08	34.71 0.90 19.85	37.51 1.06 12.77	51.82 1.75 1.07	54.23 2.13 0.00	68.11 1.90 -2.05	60.92 2.62 -1.49	73.12 2.25 -10.21	82.35 1.90 -9.95	85.26 2.54 -13.12	146.36 5.57 -20.59	112.69 3.83 -15.32	70.40 2.15 -9.11	83.25 2.42 -11.61	73.02 1.90 -10.52	70.15 2.52 -8.22	66.32 1.98 -5.12
WADING RIVER_IC_2 23547	55.64 2.08 0.00	56.89 1.67 0.00	57.60 1.53 0.00	56.62 1.43 0.00	56.28 1.06 0.00	60.30 1.17 -2.48	103.50 1.67 11.00	91.83 1.52 15.08	34.71 0.90 19.85	37.51 1.06 12.77	51.82 1.75 1.07	54.23 2.13 0.00	68.11 1.90 -2.05	60.92 2.62 -1.49	73.12 2.25 -10.21	82.35 1.90 -9.95	85.26 2.54 -13.12	146.36 5.57 -20.59	112.69 3.83 -15.32	70.40 2.15 -9.11	83.25 2.42 -11.61	73.02 1.90 -10.52	70.15 2.52 -8.22	66.32 1.98 -5.12
WADING RIVER_IC_3 23601	55.64 2.08 0.00	56.89 1.67 0.00	57.60 1.53 0.00	56.62 1.43 0.00	56.28 1.06 0.00	60.30 1.17 -2.48	103.50 1.67 11.00	91.83 1.52 15.08	34.71 0.90 19.85	37.51 1.06 12.77	51.82 1.75 1.07	54.23 2.13 0.00	68.11 1.90 -2.05	60.92 2.62 -1.49	73.12 2.25 -10.21	82.35 1.90 -9.95	85.26 2.54 -13.12	146.36 5.57 -20.59	112.69 3.83 -15.32	70.40 2.15 -9.11	83.25 2.42 -11.61	73.02 1.90 -10.52	70.15 2.52 -8.22	66.32 1.98 -5.12
WALDENNY_12_KV_BK2 80841	50.17 -3.38 0.02	51.67 -3.55 0.00	52.22 -3.86 0.00	51.50 -3.67 0.03	51.53 -3.70 0.00	53.28 -3.37 0.00	105.68 -7.14 0.00	98.87 -5.58 0.95	50.84 -2.81 0.00	46.94 -2.28 0.00	48.75 -2.38 0.00	50.01 -2.09 0.00	61.60 -2.56 0.00	54.19 -2.62 0.00	57.11 -3.55 0.00	67.06 -3.45 0.00	65.35 -3.64 0.63	110.43 -6.36 3.41	87.46 -5.35 0.74	53.79 -3.73 1.61	64.84 -4.38 0.00	57.49 -3.11 0.00	56.40 -3.01 0.00	56.41 -2.80 0.00
WALDEN__HYDRO 24148	55.52 1.96 0.00	56.90 1.68 0.00	57.72 1.63 0.00	56.81 1.61 0.00	56.82 1.59 0.00	58.33 1.68 0.00	116.25 3.42 0.00	108.62 3.22 0.00	55.35 1.69 0.00	50.91 1.69 0.00	53.14 2.00 0.00	54.25 2.15 0.00	66.60 2.44 0.00	59.25 2.43 0.00	63.00 2.34 0.00	72.64 2.14 0.00	71.90 2.29 0.00	124.36 4.15 0.00	96.58 3.03 0.00	60.93 1.79 0.00	71.29 2.07 0.00	62.38 1.78 0.00	61.29 1.88 0.00	60.93 1.72 0.00
WARRENSBURG____ 23737	54.96 1.40 0.00	56.86 1.64 0.00	57.56 1.48 0.00	56.58 1.39 0.00	56.64 1.41 0.00	58.27 1.62 0.00	115.91 3.08 0.00	107.93 2.53 0.00	55.07 1.41 0.00	49.94 0.72 0.00	51.63 0.50 0.00	52.79 0.69 0.00	65.25 1.09 0.00	58.07 1.26 0.00	62.40 1.74 0.00	72.70 2.20 0.00	71.70 2.09 0.00	124.07 3.86 0.00	97.16 3.62 0.00	61.35 2.22 0.00	71.55 2.33 0.00	62.17 1.56 0.00	61.09 1.68 0.00	60.68 1.46 0.00
WATERSIDE____6 8 9 23538	55.58 2.02 0.00	56.81 1.59 0.00	57.54 1.46 0.00	56.64 1.45 0.00	56.61 1.38 0.00	58.13 1.48 0.00	115.96 3.13 0.00	108.45 3.05 0.00	55.47 1.81 0.00	51.23 2.00 0.00	53.55 2.41 0.00	54.69 2.59 0.00	66.82 2.65 0.00	59.51 2.69 0.00	63.07 2.42 0.00	72.54 2.04 0.00	71.86 2.25 0.00	124.30 4.10 0.00	96.41 2.86 0.00	60.79 1.65 0.00	71.12 1.90 0.00	62.34 1.73 0.00	61.30 1.88 0.00	60.94 1.72 0.00
WATKINRD_115KV_LN8_ILLION 55919	54.88 1.31 0.00	56.49 1.27 0.00	57.38 1.30 0.00	56.52 1.32 0.00	56.58 1.36 0.00	58.06 1.41 0.00	115.60 2.78 0.00	107.70 2.30 0.00	54.41 0.76 0.00	49.79 0.56 0.00	51.83 0.70 0.00	52.92 0.82 0.00	65.05 0.89 0.00	57.86 1.04 0.00	61.42 0.76 0.00	71.46 0.95 0.00	70.92 1.32 0.00	123.04 2.84 0.00	96.01 2.46 0.00	60.71 1.58 0.00	71.00 1.77 0.00	62.11 1.51 0.00	60.89 1.48 0.00	60.51 1.30 0.00

WDELAWARE___HYD 323627	54.48 0.91 0.00	55.85 0.63 0.00	56.71 0.63 0.00	55.84 0.65 0.00	55.85 0.63 0.00	57.36 0.71 0.00	114.46 1.64 0.00	106.96 1.56 0.00	54.58 0.93 0.00	50.48 1.25 0.00	52.54 1.40 0.00	53.70 1.60 0.00	65.90 1.74 0.00	58.67 1.86 0.00	62.45 1.80 0.00	72.06 1.56 0.00	71.37 1.76 0.00	123.46 3.26 0.00	95.92 2.37 0.00	60.52 1.39 0.00	70.79 1.57 0.00	61.90 1.30 0.00	60.78 1.37 0.00	60.38 1.16 0.00
WEST BABYLON___IC 23714	56.33 2.76 0.00	57.62 2.40 0.00	58.34 2.26 0.00	57.37 2.18 0.00	57.08 1.85 0.00	59.26 1.96 -0.65	98.77 3.51 17.56	88.82 3.30 19.87	36.96 1.91 18.61	38.70 1.98 12.51	52.83 2.58 0.89	54.93 2.82 0.00	67.72 3.01 -0.54	60.72 3.51 -0.39	66.43 3.08 -2.69	75.85 2.73 -2.62	78.24 3.27 -5.36	131.96 6.33 -5.43	102.11 4.52 -4.04	64.41 2.87 -2.40	75.47 3.19 -3.06	70.11 2.79 -6.71	75.29 3.23 -12.65	67.25 2.80 -5.24
WEST CANADA___HYD 24049	53.58 0.02 0.00	55.22 0.00 0.00	56.12 0.04 0.00	55.25 0.06 0.00	55.28 0.05 0.00	56.66 0.01 0.00	112.71 -0.11 0.00	105.19 -0.21 0.00	53.58 -0.08 0.00	49.13 -0.10 0.00	51.04 -0.10 0.00	52.06 -0.05 0.00	63.99 -0.17 0.00	56.73 -0.08 0.00	60.58 -0.08 0.00	70.41 -0.10 0.00	69.52 -0.09 0.00	120.08 -0.12 0.00	93.51 -0.04 0.00	59.13 0.00 0.00	69.21 -0.02 0.00	60.55 -0.05 0.00	59.36 -0.05 0.00	59.11 -0.10 0.00
WESTERN_NY_WIND 24143	51.52 -2.04 0.01	53.04 -2.18 0.00	53.61 -2.47 0.00	52.81 -2.35 0.02	52.90 -2.33 0.00	54.75 -1.90 0.00	108.83 -3.99 0.00	102.13 -2.56 0.70	52.14 -1.52 0.00	47.78 -1.45 0.00	49.62 -1.51 0.00	50.99 -1.12 0.00	62.63 -1.53 0.00	55.37 -1.44 0.00	58.48 -2.18 0.00	68.74 -1.77 0.00	67.40 -1.75 0.46	114.86 -2.86 2.49	90.34 -2.66 0.54	55.85 -2.10 1.18	66.62 -2.60 0.00	58.96 -1.64 0.00	57.66 -1.76 0.00	57.65 -1.56 0.00
WESTOVER___LESR 323668	52.96 -0.59 0.01	54.55 -0.67 0.00	55.40 -0.68 0.00	54.64 -0.54 0.01	54.71 -0.52 0.00	56.09 -0.56 0.00	111.56 -1.27 0.00	103.94 -1.02 0.43	53.09 -0.57 0.00	48.76 -0.47 0.00	50.62 -0.52 0.00	51.86 -0.25 0.00	63.78 -0.38 0.00	56.52 -0.30 0.00	60.13 -0.53 0.00	69.73 -0.78 0.00	68.47 -0.89 0.26	117.31 -1.50 1.40	92.12 -1.13 0.30	57.75 -0.72 0.66	68.43 -0.80 0.00	59.93 -0.67 0.00	58.80 -0.61 0.00	58.57 -0.64 0.00
WETHRSFD_WT_PWR 323626	49.16 -4.38 0.03	50.47 -4.75 0.00	51.12 -4.96 0.00	50.51 -4.64 0.05	50.55 -4.68 0.00	52.09 -4.56 0.00	103.31 -9.51 0.00	96.18 -7.69 1.52	49.84 -3.82 0.00	46.11 -3.12 0.00	47.67 -3.47 0.00	48.76 -3.35 0.00	60.18 -3.98 0.00	53.02 -3.80 0.00	56.11 -4.54 0.00	66.09 -4.42 0.00	64.17 -4.51 0.93	107.15 -7.97 5.08	86.06 -6.39 1.10	52.49 -4.23 2.40	64.53 -4.69 0.00	57.20 -3.40 0.00	56.18 -3.23 0.00	56.22 -3.00 0.00
WHAVSTOR_138KV_BK127 55557	55.39 1.83 0.00	56.69 1.47 0.00	57.47 1.39 0.00	56.56 1.37 0.00	56.56 1.34 0.00	58.08 1.43 0.00	115.76 2.94 0.00	108.10 2.70 0.00	55.15 1.49 0.00	50.79 1.57 0.00	53.02 1.88 0.00	54.16 2.05 0.00	66.39 2.23 0.00	59.10 2.29 0.00	62.70 2.04 0.00	72.14 1.64 0.00	71.42 1.81 0.00	123.51 3.30 0.00	95.85 2.31 0.00	60.47 1.34 0.00	70.76 1.54 0.00	61.93 1.33 0.00	60.97 1.56 0.00	60.67 1.45 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	55.39 1.83 0.00	56.69 1.47 0.00	57.47 1.39 0.00	56.56 1.37 0.00	56.56 1.34 0.00	58.08 1.43 0.00	115.76 2.94 0.00	108.10 2.70 0.00	55.15 1.49 0.00	50.79 1.57 0.00	53.02 1.88 0.00	54.16 2.05 0.00	66.39 2.23 0.00	59.10 2.29 0.00	62.70 2.04 0.00	72.14 1.64 0.00	71.42 1.81 0.00	123.51 3.30 0.00	95.85 2.31 0.00	60.47 1.34 0.00	70.76 1.54 0.00	61.93 1.33 0.00	60.97 1.56 0.00	60.67 1.45 0.00
WHITEHAL_115KV_TB1 80871	55.73 2.16 0.00	58.05 2.84 0.00	58.32 2.24 0.00	57.41 2.22 0.00	57.43 2.20 0.00	59.38 2.73 0.00	118.76 5.93 0.00	110.38 4.98 0.00	56.94 3.29 0.00	51.01 1.78 0.00	52.28 1.15 0.00	53.66 1.55 0.00	66.32 2.16 0.00	59.49 2.67 0.00	64.51 3.85 0.00	75.55 5.05 0.00	74.01 4.40 0.00	127.87 7.66 0.00	101.24 7.70 0.00	63.44 4.30 0.00	73.04 3.82 0.00	63.17 2.56 0.00	62.28 2.87 0.00	61.80 2.58 0.00
WHITEPLN_13_KV_LOAD 356215	55.95 2.39 0.00	57.24 2.03 0.00	58.00 1.93 0.00	57.08 1.89 0.00	57.09 1.86 0.00	58.63 1.98 0.00	116.97 4.14 0.00	109.34 3.94 0.00	55.80 2.15 0.00	51.39 2.16 0.00	53.67 2.54 0.00	54.87 2.76 0.00	67.22 3.06 0.00	59.86 3.05 0.00	63.53 2.87 0.00	73.17 2.67 0.00	72.44 2.83 0.00	125.35 5.14 0.00	97.26 3.72 0.00	61.34 2.20 0.00	71.74 2.51 0.00	62.77 2.17 0.00	61.71 2.30 0.00	61.32 2.10 0.00
WM_FLOYD_69_KV_BK2 356380	55.70 2.13 0.00	56.95 1.74 0.00	57.65 1.57 0.00	56.67 1.47 0.00	56.32 1.09 0.00	60.18 1.17 -2.36	103.00 1.79 11.62	91.51 1.71 15.59	34.74 1.02 19.94	37.54 1.19 12.87	51.84 1.77 1.07	54.19 2.09 0.00	67.98 1.87 -1.95	60.79 2.57 -1.42	72.59 2.22 -9.72	81.83 1.86 -9.47	84.69 2.48 -12.60	145.12 5.32 -19.60	111.78 3.66 -14.58	69.89 2.08 -8.67	82.60 2.33 -11.05	72.64 1.89 -10.15	69.94 2.47 -8.06	66.09 2.01 -4.87
WOODARD___115KV_TB2 355635	52.45 -1.11 0.00	54.09 -1.13 0.00	54.92 -1.16 0.00	54.08 -1.11 0.00	54.12 -1.11 0.00	55.54 -1.11 0.00	110.65 -2.18 0.00	103.47 -1.92 0.00	52.63 -1.03 0.00	48.21 -1.02 0.00	50.05 -1.08 0.00	51.15 -0.96 0.00	62.92 -1.24 0.00	55.78 -1.04 0.00	59.49 -1.17 0.00	69.23 -1.28 0.00	68.37 -1.24 0.00	118.07 -2.14 0.00	91.81 -1.73 0.00	57.96 -1.17 0.00	67.82 -1.41 0.00	59.39 -1.22 0.00	58.18 -1.23 0.00	57.99 -1.23 0.00
WOODMERE_69_KV_BK1 55827	56.25 2.68 0.00	57.54 2.32 0.00	58.24 2.17 0.00	57.28 2.08 0.00	57.04 1.82 0.00	58.57 1.92 0.00	116.24 3.42 0.00	108.55 3.16 0.00	55.41 1.75 0.00	51.14 1.92 0.00	53.79 2.65 0.00	55.07 2.96 0.00	67.31 3.15 0.00	60.21 3.40 0.00	63.69 3.04 0.00	73.19 2.68 0.00	76.27 3.06 -3.60	125.76 5.56 0.00	97.59 4.04 0.00	61.60 2.46 0.00	72.10 2.87 0.00	88.45 2.55 -25.29	153.18 3.02 -90.75	112.82 2.66 -50.95
YORK___WARBASSE 23770	55.73 2.16 0.00	56.90 1.68 0.00	57.64 1.56 0.00	56.74 1.54 0.00	56.73 1.50 0.00	58.24 1.59 0.00	116.14 3.32 0.00	108.72 3.32 0.00	55.58 1.92 0.00	51.31 2.08 0.00	53.63 2.49 0.00	54.74 2.63 0.00	66.80 2.63 0.00	59.60 2.78 0.00	63.15 2.50 0.00	72.62 2.12 0.00	71.92 2.32 0.00	124.51 4.30 0.00	96.53 2.98 0.00	60.87 1.74 0.00	71.25 2.02 0.00	62.47 1.86 0.00	61.41 2.00 0.00	61.12 1.90 0.00